



WAR AT SEA

DECEMBER

A Charlton Publication

10¢

FW 9-27

APPROVED
BY THE
COMICS
CODE
AUTHORITY

War at Sea



LT. THOMAS
73152



WEB COMIC
UNIVERSE.COM

My Pal!

Win
\$100

as I
just
did!

YOU CAN
WIN
a BIG 15"
SILVER CUP
as I just did!
with YOUR
NAME
engraved
on it!



JIM NORMAN

AFTER

He Mailed Coupon
Below is Cleveland

BEFORE

He Mailed Coupon

90 lb.
Skeleton

He says,
I gained
70 lbs.
of
mighty
muscle

Stop being a **SKINNY** Weakling like I was
IN 10 MINUTES of FUN A DAY YOU CAN DO ALL I DID
GAIN 25 lbs. of HANDSOME
POWER-PACKED MUSCLES all over!
IMPROVE YOUR HE-MAN LOOKS 1000%
WIN NEW STRENGTH

WIN NEW POPULARITY

for money-making work!
for **WINNING** at all **SPORTS**!
Win **NEW FRIENDS, BOYS & GIRLS**
NEW CHANCES for BUSINESS SUCCESS

BEFORE

How did I do ALL This? I
mailed the Coupon and got
These **5** PICTURE-PACKED
HE-MAN COURSES

Which **YOU** can **NOW** get **FREE**

BEFORE \$1 PRICE GOES BACK

Millions Sold for \$1



**HOW TO MOLD A
MIGHTY CHEST**

By **GEORGE F. JOWETT**

"I gained
60 lbs. of
muscles."

says
John
Sill

I added
7 inches to
my
CHEST
3 inches to
each
ARM."

says
Jobie
Jackson

**HOW TO MOLD A
MIGHTY ARM**

By **GEORGE F. JOWETT**

**HOW TO MOLD A
MIGHTY BACK**

By **GEORGE F. JOWETT**

**HOW TO MOLD A
MIGHTY GRIP**

By **GEORGE F. JOWETT**

**HOW TO MOLD
MIGHTY LEGS**

By **GEORGE F. JOWETT**

Mail the
"ALL
FREE"
coupon
get this
"AMAZING
SECRETS"
Photo Book

You'll LOOK, FEEL,
ACT, like A Real
HE-MAN! Win Women
and Men Friends
Win in Sports!
Win Promotion,
Praise, Popularity

AMAZING SECRETS
How to WIN
MUSCLES like IRON
NERVES of STEEL
World's Great
EXPERT TELL
YOU HOW YOU
CAN BECOME
an ALL-AROUND
HE-MAN in
10 MINUTES a
DAY
PHOTO BOOK

This **BOOK** will also show You **HOW** YOU
CAN WIN \$100.00 and a BIG 15" tall
SILVER TROPHY (Your Name On It)

GET
ALL 5
FREE

1

2

3

4

5



"I'm
PROUD
to be
seen
with
Jim
NOW!
Every-
body
admires
his build,"
says Nellie.
"Jim can lift the front
of a 2700 lb. car.
He amazes his friends!"



You'll be
A Real
ATHLETE
in ALL
SPORTS
Soon
after
YOU
mail
Coupon.

Jim is a **WINNER**
in ALL **SPORTS** NOW.
YOU will be, too, soon.

COME ON, PAL, NOW YOU give me
10 PLEASANT MINUTES A DAY
IN YOUR OWN HOME like Jim did
and I'll give YOU A NEW HE-MAN BODY
for your OLD SKELETON FRAME

NO! I don't care how skinny or flabby
you are I'll make you OVER by the
SAME method I turned myself from a
wreck to the strongest of the strong.
Why can't I do for you what I did for
MANY THOUSANDS of skinny fellows
like You?

"Congratulations,
John! At last you
mailed the coupon
as **EVERY MAN**
should. Soon You'll
be as big and strong
as I am,"
says Jim Norman
to John Luckus

Develop YOUR 520 MUSCLES
Gain Pounds, INCHES FAST!

YES! You'll see INCHES of MIGHTY
MUSCLE added to your ARMS and
CHEST. Your BACK and SHOULDERS
broadened. From head to heels you'll
gain SIZE, POWER, SPEED. You'll be A
WINNER in EVERYTHING you tackle.



LAST CHANCE-ALL FREE COUPON

1. FIVE COURSES 2. MUSCLE METER
3. Photo Book of STRONG MEN

Tell Me How To
WIN \$100. etc.

Dept. CH-89

JOWETT INSTITUTE
220 FIFTH AVE., NEW YORK 1, N.Y.

Dear George Please mail to me **FREE** Jowett's Photo Book of
Strong Men and a Muscle Meter, plus all 5 HE-MAN Building
Courses: 1. How to Build a Mighty Chest 2. How to Build a
Mighty Arm 3. How to Build a Mighty Back 4. How to Build
a Mighty Grip 5. How to Build Mighty Legs Now all in One
Volume - How to become a Mighty HE-MAN! ENCLOSED FIND 10c
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ADDRESS _____
CITY _____ ZONE _____ STATE _____

SAVES you YEARS and DOLLARS!!!

WAR AT SEA

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DECEMBER, 1958

Charlton Building,

WAR AT SEA DAY OF GLORY

UNIT #391 IN THE SHIPYARD WAS A CORVETTE ON THE NAVAL ENGINEER'S DRAWING BOARD! IT GREW FROM AN EMPTY SPACE IN THE YARD TO A SKELETON THAT WAS COVERED WITH THIN STEEL... RADIOS WERE INSTALLED, GUN TURRETS WELDED IN, AND A CREW ORGANIZED! ALL THAT— AND FOURTEEN MONTHS LATER DE 391 HAD ENDED HER CAREER!

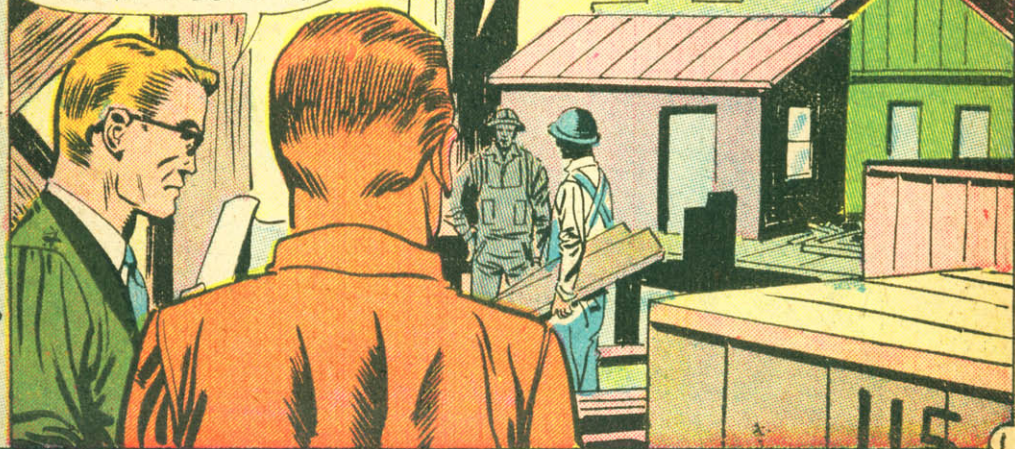


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THE WORDS THAT STARTED THE CREATION OF DE 391 WERE CONTAINED IN A CONGRESSIONAL ORDER— AN ORDER CREATING OUR NEW NAVY, THE MIGHTIEST THE WORLD HAS KNOWN!

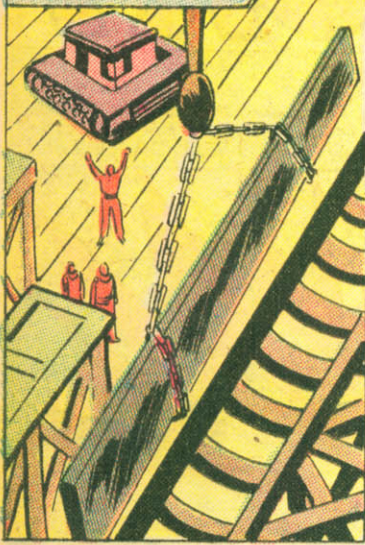
THAT TAKES CARE OF EVERYTHING, McLEOD EXCEPT ONE MORE ESCORT VESSEL! YOU JUST HAVEN'T GOT ROOM TO BUILD IT!

YES, WE HAVE! WE'LL TEAR OUT THAT SHED— BUILD THE SHIP THERE!



WAR AT SEA

THEY BUILT SHIPS FAST BACK IN 1942—THE SHED WAS GONE A FEW HOURS LATER AND A KEEL WAS DOWN...



WHILE THE KEEL WAS BEING LAID, A NAVY VOLUNTEER WAS ENTERING BOOT CAMP—AND A CHIEF BOATSWAIN'S MATE WAS CHECKING HIS NAME...



FALL IN OVER THERE, HARDER! YOU'RE IN MY COMPANY!

YOU MEN WILL BE WITH ME FOR A LONG TIME—EVEN AFTER WE LEAVE BOOT CAMP! I EXPECT YOU TO HATE ME—I DON'T CARE AS LONG AS YOU DO THE WORK!



SHORTAGES DEVELOPED AS THE DESTROYER ESCORT GREW... HER CAPTAIN, LT. SHARPE, WAS ALREADY ABOARD!

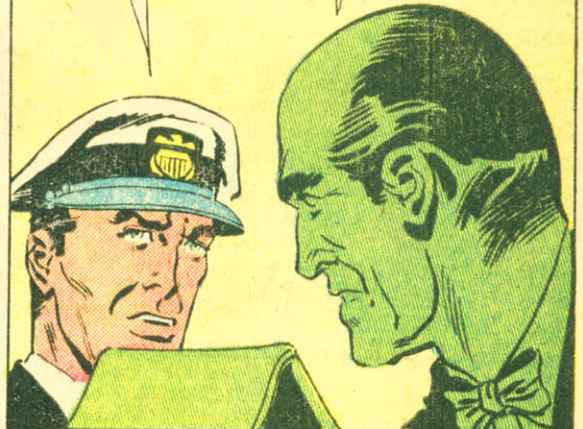
THE MAIN ENGINES ARE IN, CAPTAIN, BUT THE GENERATORS HAVEN'T ARRIVED!

I'LL SEE IF I CAN SPEED IT UP!

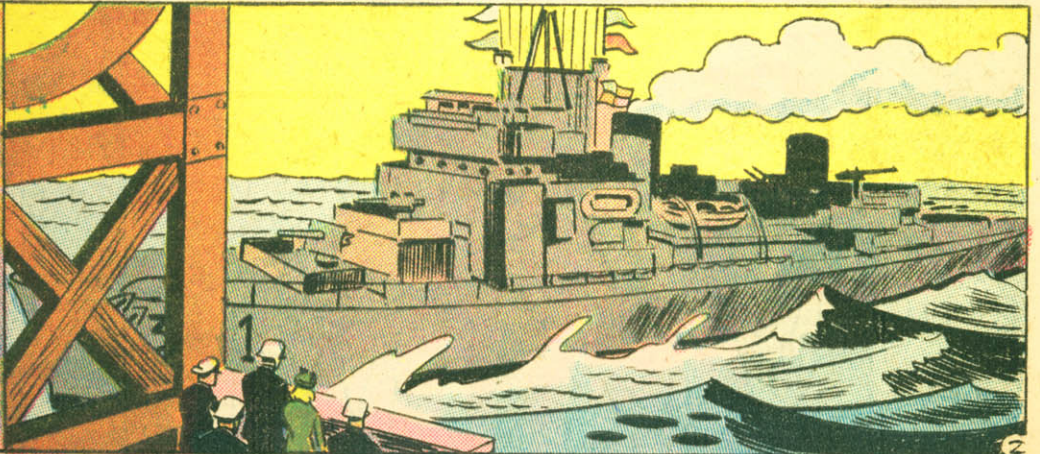


WHEN WILL THE GENERATORS ARRIVE? WE'VE GOT TO BE READY FOR COMM...

YOU'LL BE READY, LIEUTENANT! THAT'S MY JOB—I WON'T FAIL YOU!



IN A MATTER OF MONTHS THE DESTROYER ESCORT WAS FINISHED, HER CREW TRAINED AND READY FOR WAR!



WAR AT SEA

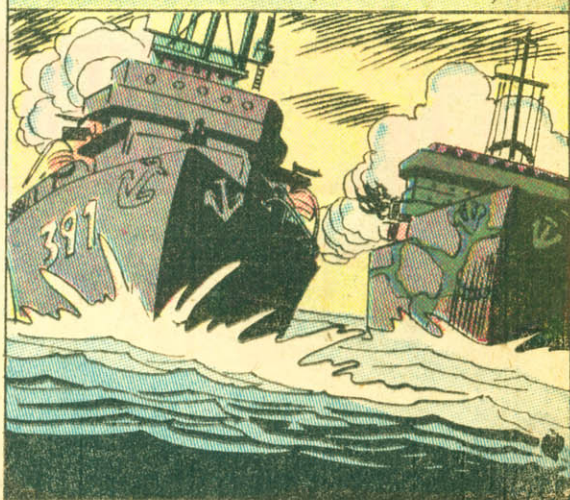
LAUNCHING AND COMMISSIONING A SHIP DOESN'T MAKE HER READY FOR DUTY! THERE WERE SPEED RUNS YET... SHAKE-DOWN CRUISES, ETC...

YOUR SHIP IS READY, CAPTAIN! YOU'VE DONE A FINE JOB!

GOOD!— NOW WE CAN START EARNING OUR PAY!

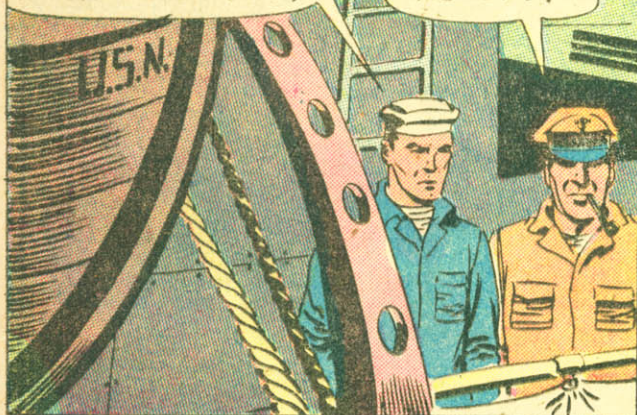


THE D.E.'S FIRST JOB WAS ESCORT DUTY, THE JOB SHE WAS BUILT FOR! IT WAS MARCH, 1943...



WE'RE EXPENDABLE, RIGHT, CHIEF? I MEAN IF IT'S A QUESTION OF TAKIN' A TORPEDO OR US, THE SKIPPER'D TAKE IT!

THAT'S RIGHT, HARDER! I HOPE IT NEVER HAPPENS THAT WAY BUT IF IT DOES, I HOPE WE GET IT INSTEAD!



THERE ARE THOUSANDS OF ARMY AND MARINES ON THAT SHIP— THE MEN WHO HAVE TO BE DELIVERED TO BATTLE FOR US TO WIN THE WAR! OUR JOB IS TO SEE THAT THEY GET THERE!



DE 391 ARRIVED IN PEARL AND WAS ASSIGNED TO ANTI-SUB PATROL FOR A YEAR! IN THAT TIME, THE ENEMY WAS NEVER SIGHTED...

I'M SURE TIRED OF POLISHIN' BRASS... I SURE WISH WE COULD GET OUT WHERE THE WAR'S GOIN' ON!

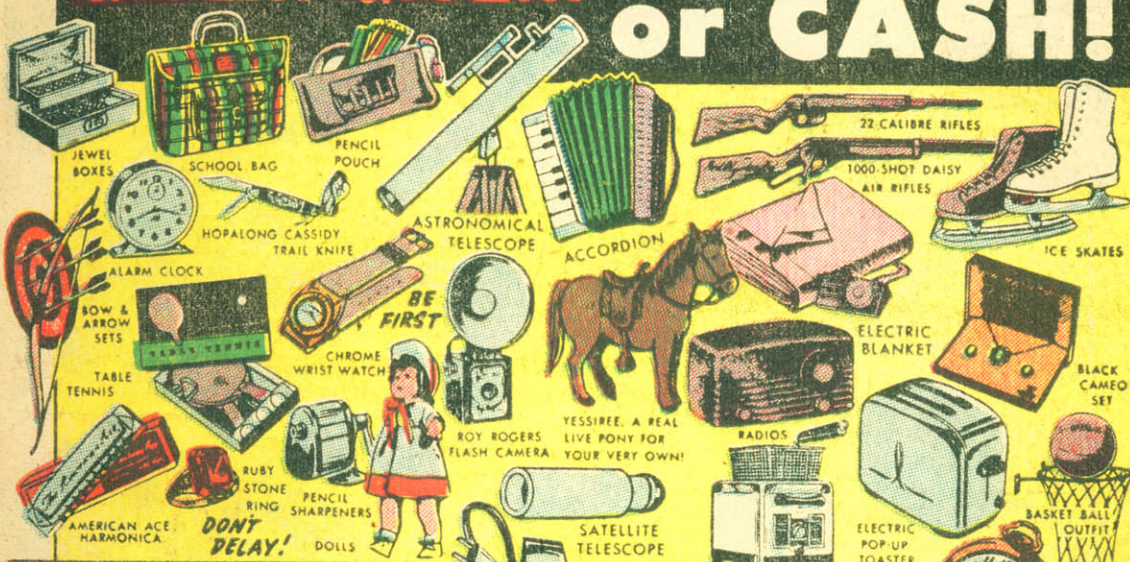


HEY, HARDER, YOU CAN STOP GRIPING NOW! WE'RE ASSIGNED TO A WEST-BOUND CONVOY— MAYBE WE'RE HEADED FOR TOKYO AT LAST!



BOYS! GIRLS! LADIES! MEN!

GIVEN! GIVEN! YES, WE GIVE YOU PREMIUMS or CASH!



YOURS FREE

— SEND FOR this big, powerful

MAGIC MAGNIFIER

JUST MAIL COUPON!

THIS IS A TERRIFIC OFFER
LOOK WHAT YOU GET

Yes — we'll send you the MAGIC MAGNIFIER absolutely FREE! Study insects, plant life, rocks, stamps, fingerprints, etc. Also — we'll send WHITE CLOVERINE Brand SALVE & Big Catalog showing dozens of wonderful premiums you can have. Cameras, Dolls, Rifles, Fishing Outfits, Radios, Watches, etc. (Sent postpaid). You simply offer WHITE CLOVERINE Brand SALVE — easily sold to friends, relatives and neighbors at 50c a Tube. Rush coupon to start.

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BIG CATALOG and ORDER OF SALVE

SOLD BY AGENTS AND DRUG STORES EVERYWHERE

Guaranteed by Good Housekeeping

OVER 64 YEARS!

MAIL COUPON — Magnifier Sent FREE!

Date.....
Wilson Chemical Co., Dept. 99-9, Tyrone, Pa.
Gentlemen: Please send me on trial, 14 tubes of WHITE CLOVERINE Brand SALVE to sell at 50c a tube. I will remit amount asked within 30 days, select a Premium or keep Cash Commission as explained under Premium wanted in catalog sent with order, postage paid to start. Be sure to send my FREE MAGIC MAGNIFIER!

Name..... Age.....
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Town..... Zone..... State.....

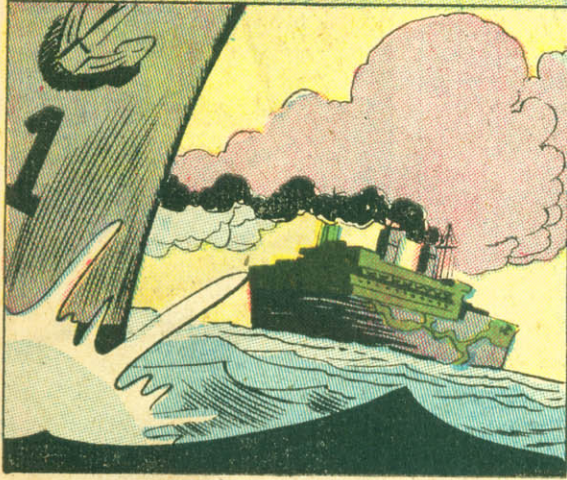
PRINT LAST NAME HERE

Paste coupon on postal card or mail in envelope today

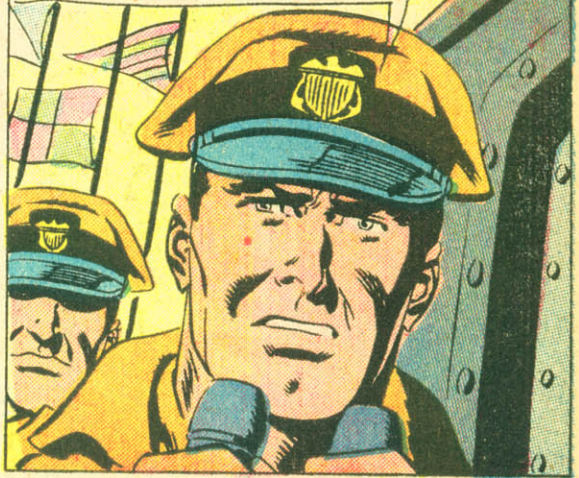
WILSON CHEMICAL CO.
DEPT. 99-9, TYRONE, PA.

WAR AT SEA

THERE WERE FOUR ESCORTS FOR THE BIG TRANSPORTS LEAVING PEARL HARBOR! EACH CARRIED UPWARDS OF TEN THOUSAND MEN...

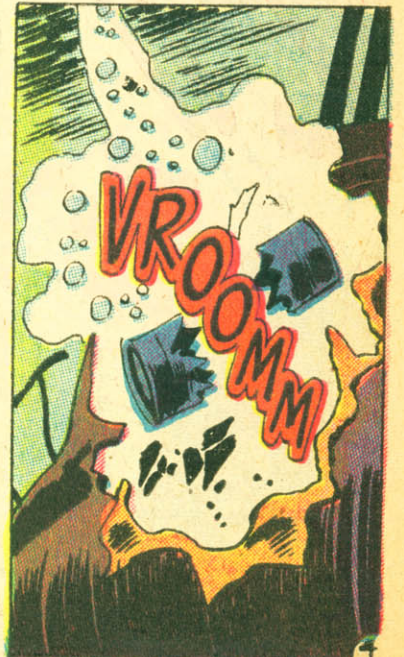
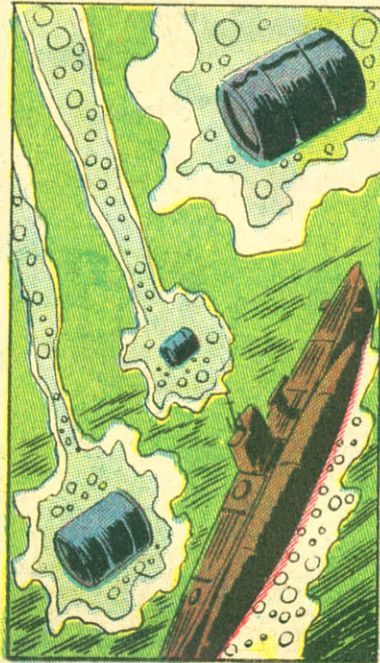
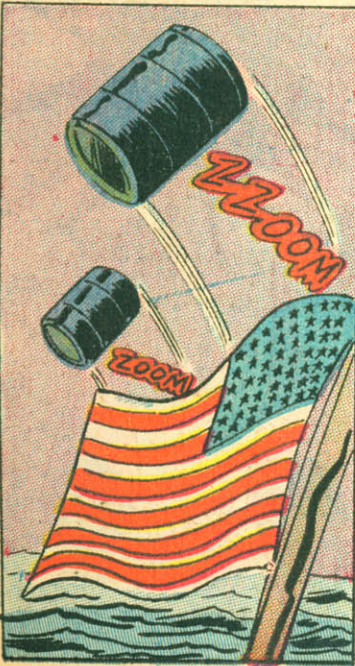
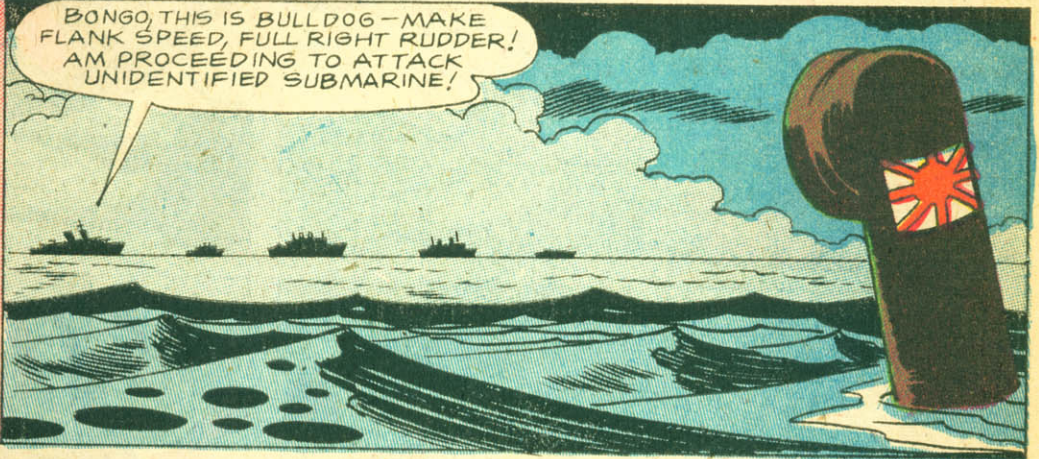


HAVE ALL LOOKOUTS ALERTED—UNIDENTIFIED SUBMARINE WAS SIGHTED AHEAD OF US!



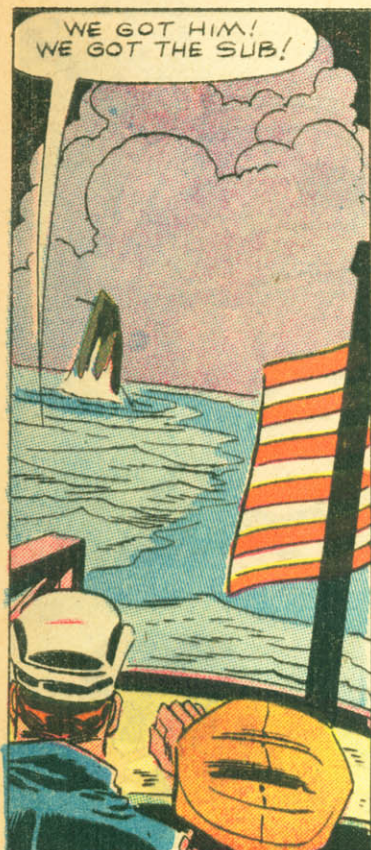
IT WAS SUNSET WHEN THE PERISCOPE WAS SIGHTED AHEAD... THE D.E. LEAPED TO THE ATTACK!

BONGO, THIS IS BULLDOG—MAKE FLANK SPEED, FULL RIGHT RUDDER! AM PROCEEDING TO ATTACK UNIDENTIFIED SUBMARINE!



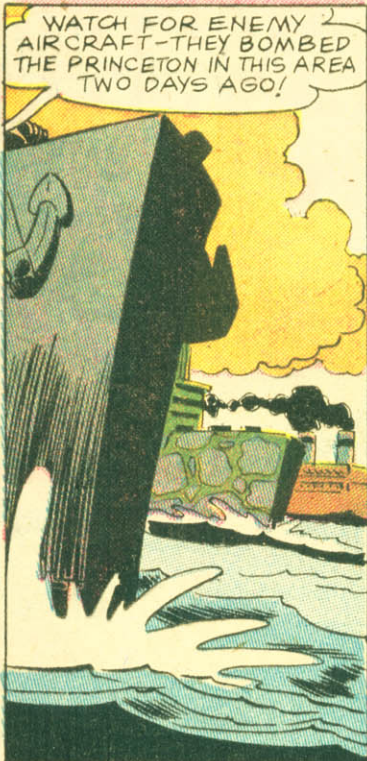
WAR AT SEA

WE GOT HIM!
WE GOT THE SUB!

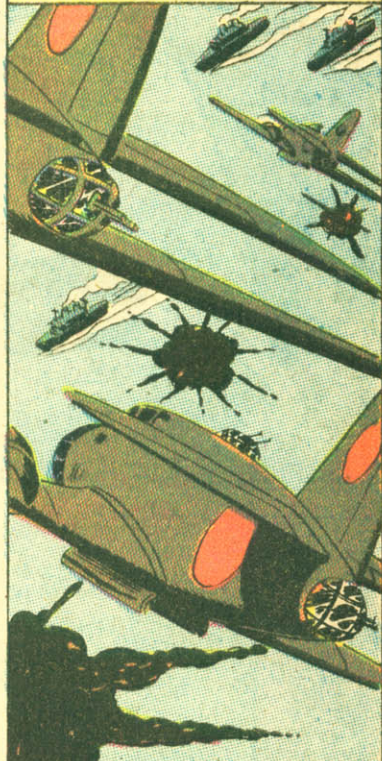


THE CREW WAS PROUD—
AND CONFIDENT! THEY WERE
READY FOR ANYTHING...

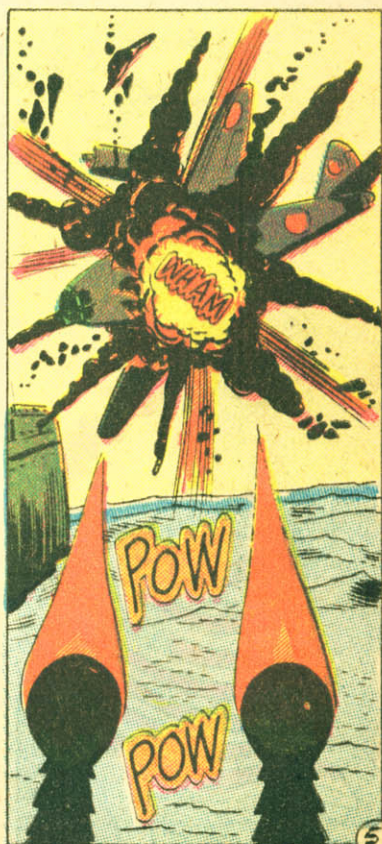
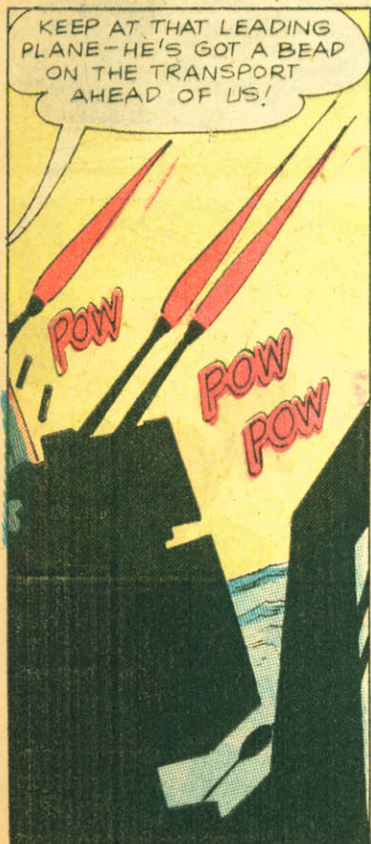
WATCH FOR ENEMY
AIRCRAFT—THEY BOMBED
THE PRINCETON IN THIS AREA
TWO DAYS AGO!



THE BOMBERS CAME...
EAGER TO SMASH THE
TRANSPORTS IN THE CONVOY!



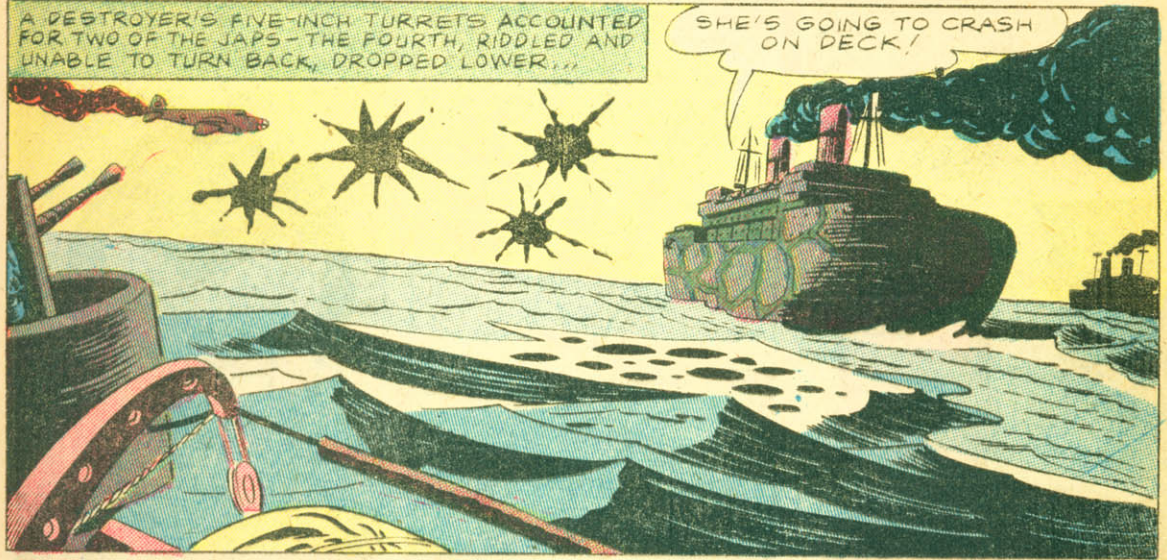
KEEP AT THAT LEADING
PLANE—HE'S GOT A BEAD
ON THE TRANSPORT
AHEAD OF US!



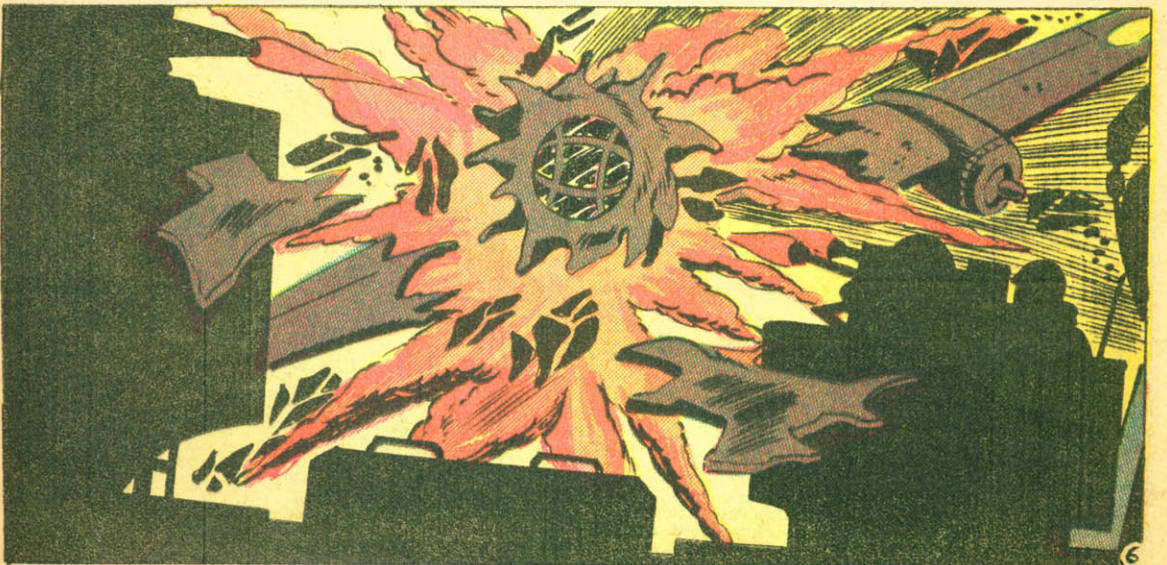
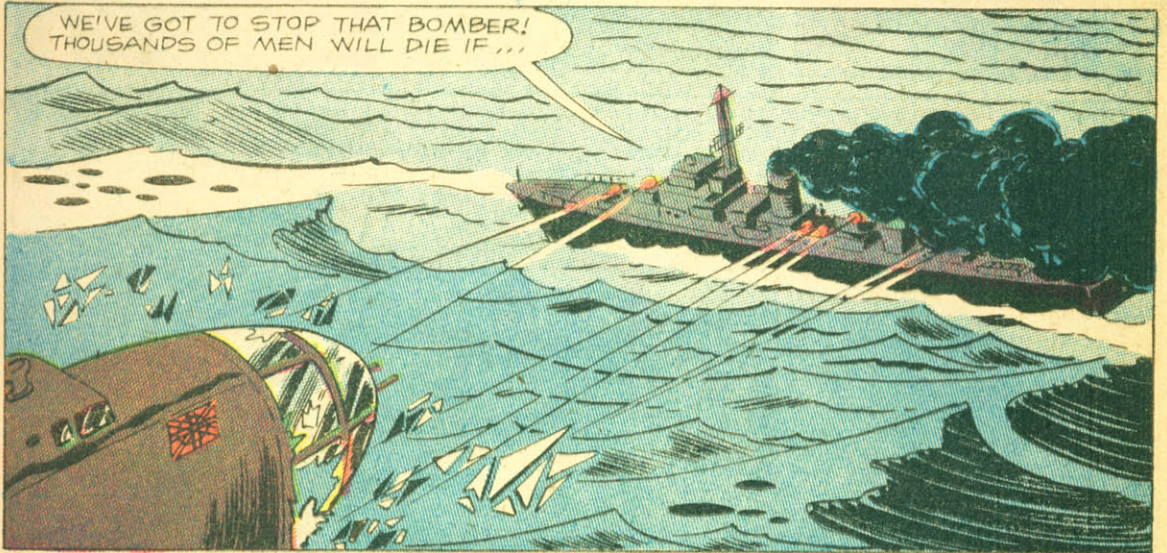
WAR AT SEA

A DESTROYER'S FIVE-INCH TURRETS ACCOUNTED FOR TWO OF THE JAPS—THE FOURTH, RIDDLED AND UNABLE TO TURN BACK, DROPPED LOWER...

SHE'S GOING TO CRASH ON DECK!



WE'VE GOT TO STOP THAT BOMBER! THOUSANDS OF MEN WILL DIE IF...



WAR AT SEA

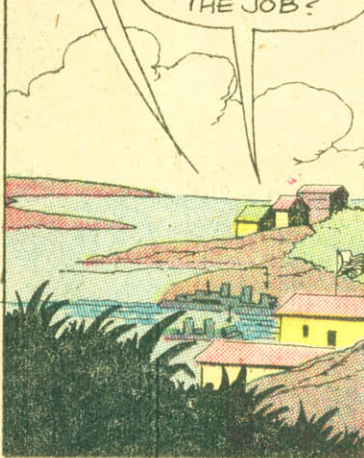
THE CONVOY PULLED INTO THE HARBOR OF TACLOBAN, LEYTE! LT. SHARPE, CAPTAIN OF DE391 WENT ABOARD THE DESTROYER TO GET FURTHER ORDERS...

CONGRATULATIONS ON GETTING THAT LAST MITSUBISHI, CAPTAIN!

THAT'S OUR JOB, SIR! WHAT WILL WE BE DOING NOW?

ONE OF THE TRANSPORTS HAS SPECIAL TROOPS ABOARD - WE'VE GOT TO GET THEM DOWN TO MINANOVA IN A HURRY! WANT THE JOB?

SOMEONE HAS TO TAKE IT, SIR, BUT IT COULD BE ROUGH! WHEN DO WE SAIL?



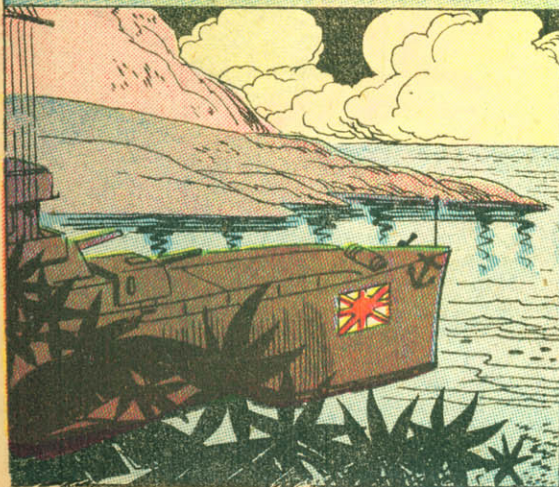
THE TRANSPORT, WITH 7000 MEN ABOARD STEAMED SOUTH, THE DE391 ESCORTING...

LOOK, SKIPPER, HAVE THIS COFFEE AT LEAST! YOU'VE BEEN ON THE BRIDGE FOR THIRTY HOURS NOW!

I'M GOING TO STAY HERE TOO, JIM! THAT SHIP IS MY RESPONSIBILITY!

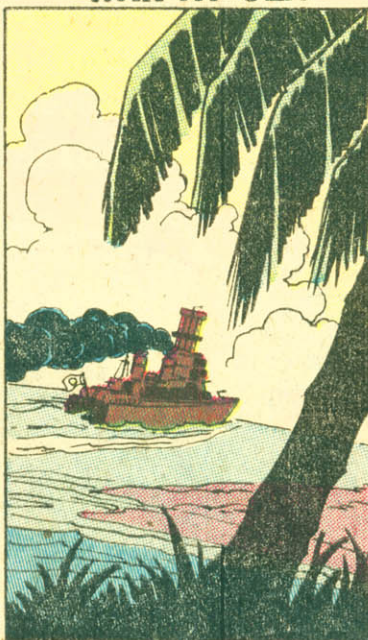
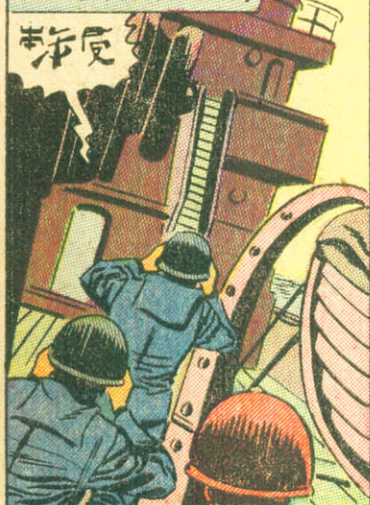


THE D.E. SKIPPER HAD A HUNCH - AND HE WAS RIGHT! 115 MILES SOUTH OF THEM, A DEEP-WATER COVE HELD A DEADLY SECRET...



WAR AT SEA

THE JAPANESE DESTROYER, HIDING FROM OUR PLANES AND SHIPS HAD THE OPPORTUNITY HER CAPTAIN HAD BEEN WAITING FOR—A RICH PRIZE WITH LITTLE PROTECTION!



STAY ALERT UP THERE, SAILOR! WATCH THE COAST FOR BANDITS!



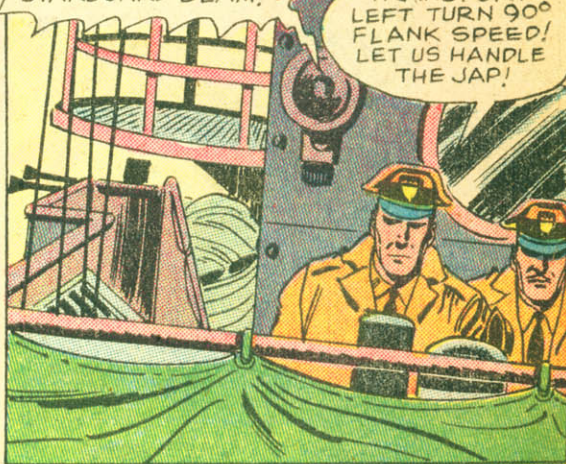
THE DESTROYER ESCORT COULDN'T PATROL BOTH SIDES OF THE TRANSPORT! THE JAPANESE DESTROYER WAS FIRST SPOTTED BY THE TRANSPORT LOOK-OUT!

SHIP ON STARBOARD SIDE APPROACHING FAST—RANGE EIGHT THOUSAND YARDS!



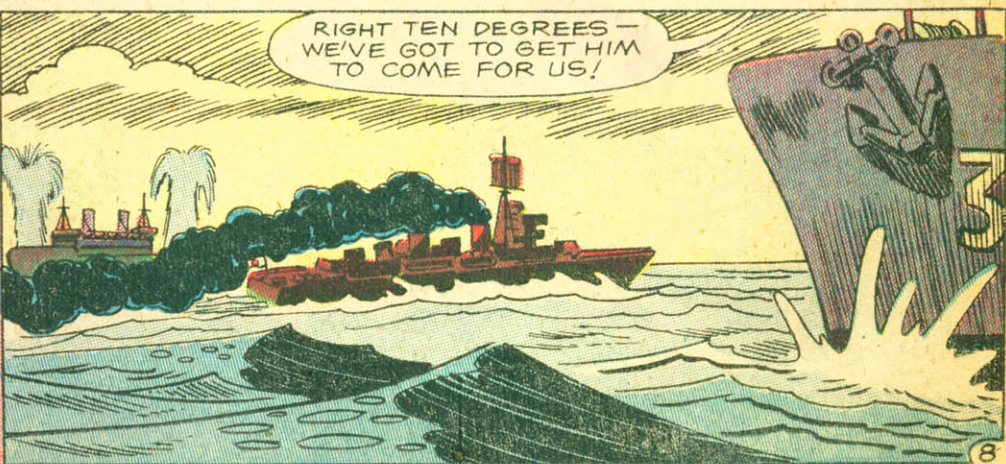
JAP DESTROYER APPROACHING... ESTIMATED THIRTY KNOTS—STARBOARD BEAM!

ALL HANDS TO GENERAL QUARTERS! MESSAGE TO TRANSPORT—LEFT TURN 90° FLANK SPEED! LET US HANDLE THE JAP!



THE JAPANESE DESTROYER WANTED THE TRANSPORT—IT CHANGED COURSE TO INTERCEPT THE BIGGER SHIP, IGNORING THE ESCORTING VESSEL!

RIGHT TEN DEGREES—WE'VE GOT TO GET HIM TO COME FOR US!



WAR AT SEA

CAPTAIN SHARPE ESTIMATED THE COURSE AND SPEED OF THE DESTROYER, THE FLEEING TRANSPORT, AND HIS OWN SHIP'S POSITION AND CAPABILITIES—HIS ANSWER HAD TO BE ACCURATE!

TWO MORE DEGREES RIGHT RUDDER! WE'LL INTERCEPT—HAVE GUN CREWS AND AMMUNITION HANDLERS READY, MISTER!



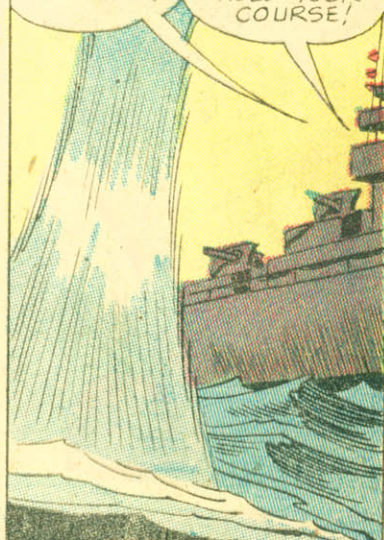
RELAX, BOOT! YOU'VE A BIG TARGET THIS TIME—DON'T MISS!

YEAH, CHIEF, I KNOW—BUT I'M NERVOUS!



THEY GOT A STRADDLE—THEIR NEXT SALVO MIGHT DO IT, SIR! SHALL WE ZIG-ZAG?

NO—IF WE DO, WE'LL LOSE GROUND AND THEY'LL GET AWAY TO THE TRANSPORT! HOLD YOUR COURSE!

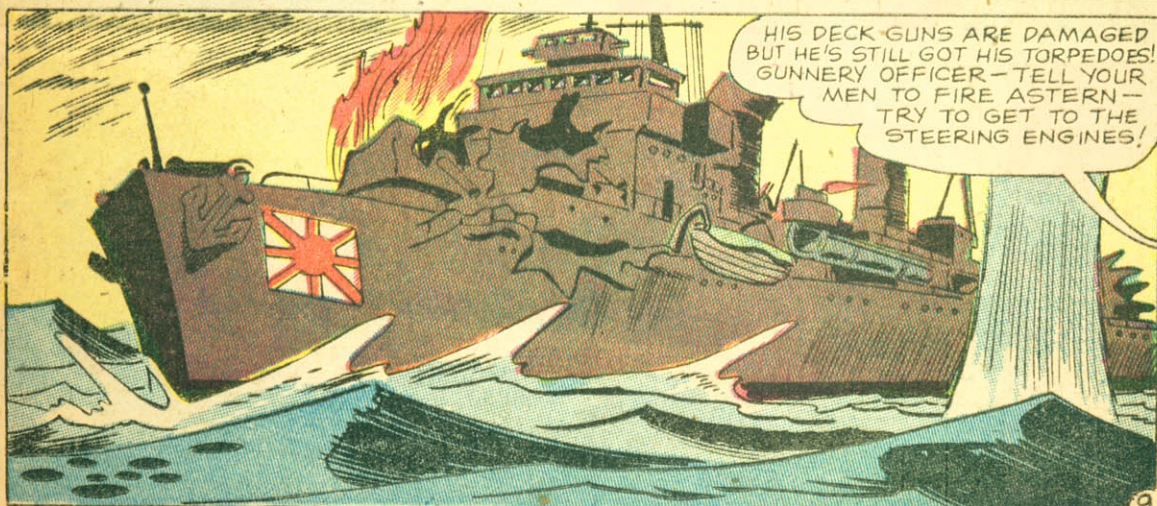


THE DESTROYER'S GUNS DID A LOT OF DAMAGE—BUT IT DIDN'T SLOW THE RACING ESCORT VESSEL!

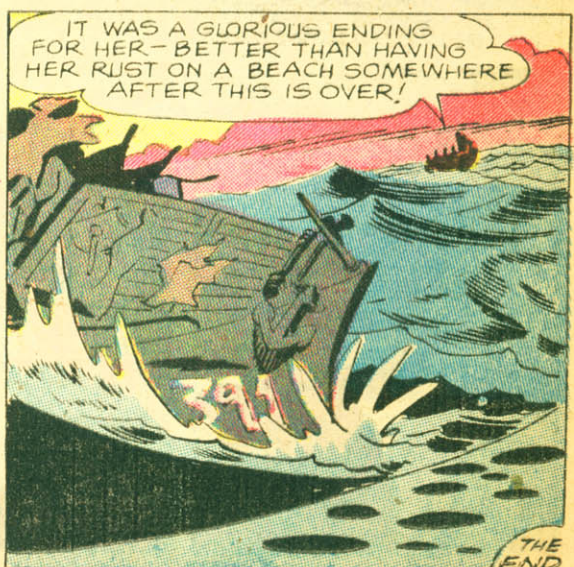
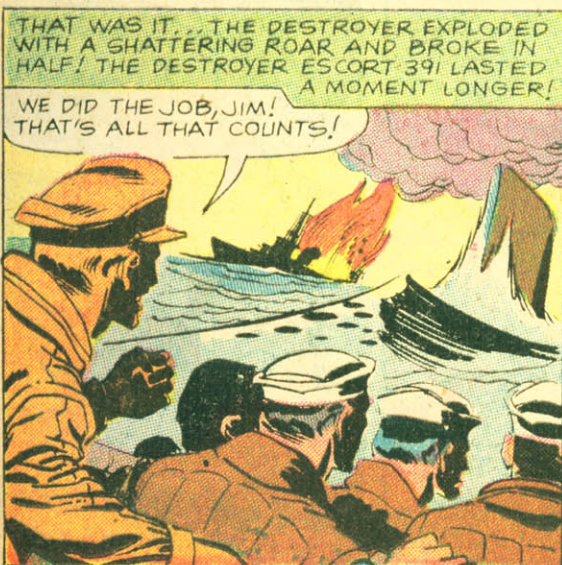
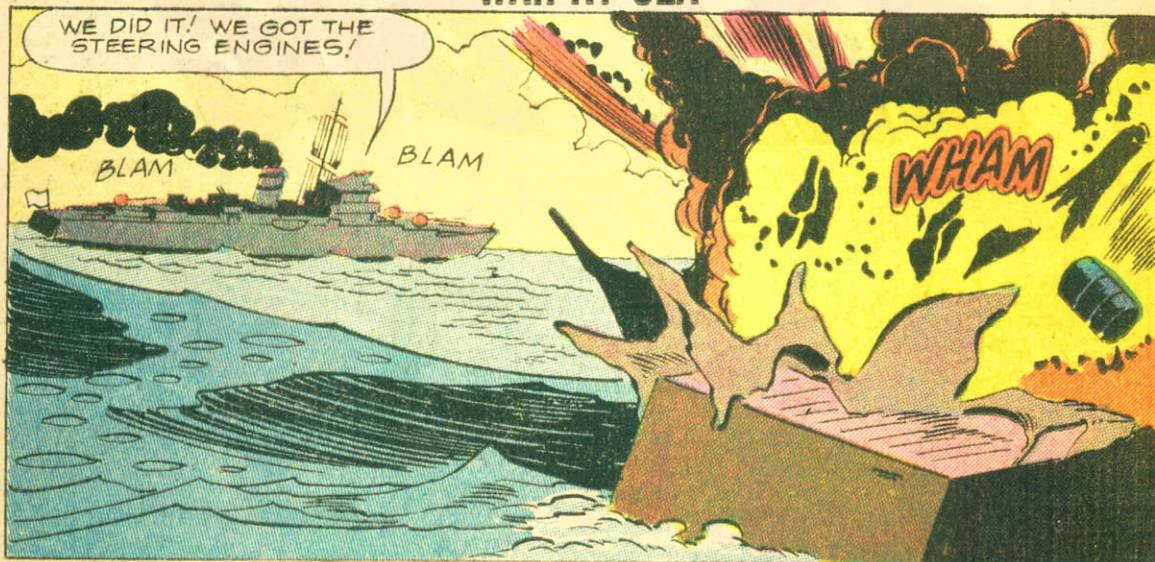
HE'S WITHIN RANGE—OPEN FIRE WITH THE FORWARD GUNS! OPEN FIRE!



HIS DECK GUNS ARE DAMAGED BUT HE'S STILL GOT HIS TORPEDOES! GUNNERY OFFICER—TELL YOUR MEN TO FIRE ASTERN—TRY TO GET TO THE STEERING ENGINES!



WAR AT SEA



WAR AT SEA THE SEA DOG

CAPTAIN RIEK RAN A TAUT SHIP -- HE HAD NO INTENTION OF LETTING HIS DESTROYER CREW GROW BEARDS OR DISREGARD ANY NAVAL REGULATIONS. WHEN HE CAME ABOARD THERE WERE PARROTS AND DOGS... EVEN A GOAT. HE CHANGED ALL THAT QUICKLY...

YOU MEN WILL SHAVE AND WEAR THE UNIFORM OF THE DAY. AND GET RID OF THE PETS. THERE'S A BOAT GOING ASHORE THIS AFTERNOON -- GET THE ANIMALS OFF THIS SHIP! DISMISSED!



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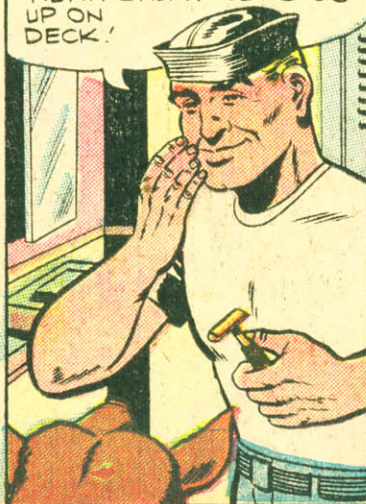
TOUGH LUCK, HIGGINS! SALTY WILL FIND SOMEONE ELSE TO ADOPT HIM! AND SHAVE THAT BEARD!

AYE, SIR! LOOK -- SALTY UNDERSTANDS US, HE'S SAD TOO, SIR!

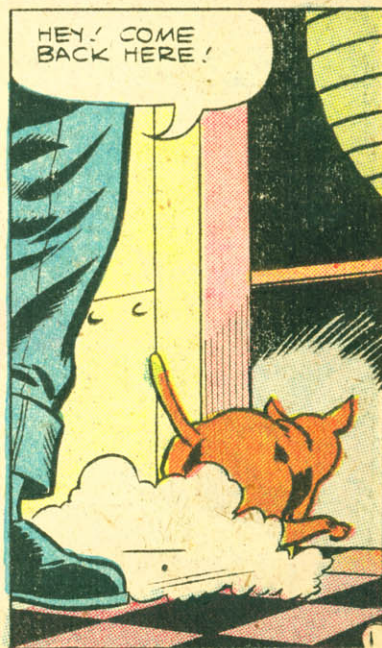


THE BEARD WENT -- WITH SALTY WATCHING THE OPERATION, PUZZLED AT THE CHANGE...

WELL, THAT'S GONE! YOU'RE NEXT, SALTY. LET'S GO UP ON DECK!



HEY! COME BACK HERE!



**BOYS • GIRLS
MEN • WOMEN**

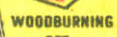
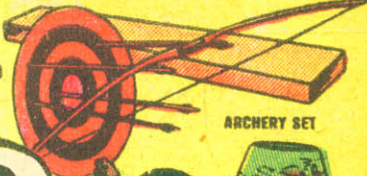
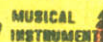
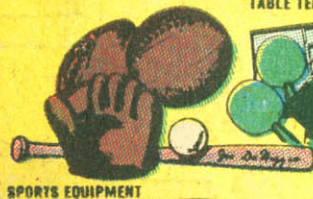
Boy and Girl Scouts
Camp Fire Girls - News Boys!

PRIZES GIVEN

MAKE MONEY, TOO!

We will send you the wonderful prizes pictured on this page ... or dozens of others, such as jewelry, radium dial wrist watches, tableware, tools, air-rifles, U-Make-It kits, leather kits, sewing kits, electric clocks, pressure cookers, model airplanes, scout equipment, movie machines, record players, and many others ... all WITHOUT ONE PENNY OF COST. You don't risk or invest a cent—we send you everything you need ON TRUST. Here's how easy it is: Merely show your friends and neighbors inspiring, beautiful Religious Wall Motto plaques. An amazing value, only 35¢ ... sell on sight. You can make big cash commissions or get many exciting prizes for selling just one set of 24 Mottos. Other prizes for selling 2 sets or more. Write today for Big Prize catalog sent to you Free.

SEND NO MONEY—We Trust You!



HERE'S HOW YOU GET YOUR PRIZES

Rush your name and address on coupon and we ship At Once Prepaid your first set of 24 Mottos on trust. When you have sold the 24 Mottos, send the \$8.40 you have collected and you can secure your choice of many wonderful prizes. If you prefer to EARN MONEY, send \$6.00 and keep \$2.40. Hurry, send TODAY for 24 Mottos ON TRUST and Big Prize Catalog Free.

FREE MEMBERSHIP in FUNman's Fun Club

EXTRA! Sell mottoes and send payment within 15 days, and I'll give you FREE a year's Membership in the FUNman's Fun Club. Membership card, certificate, secret code, giant packet of fun materials all yours — PLUS extra surprises!

**FREE
BIG PRIZE
CATALOG**

The FUNman, Dept. V-109
5726 N. Broadway, Chicago 40, Ill.

FREE BIG PRIZE CATALOG

Please rush to me on 15-day credit 24 Religious Wall Mottos, to sell at 35¢ each. Also include big Prize Catalog FREE. I will remit amount required as explained in BIG PRIZE CATALOG within 30 days and select the prize I want or keep a cash commission as explained.

Name _____

Street or RFD _____

Town _____ Zone _____ State _____

SEND NO MONEY—We Trust You!

WAR AT SEA

HIGGINS AND OTHERS SEARCHED FOR AN HOUR ... AND FOUND NO TRACE OF THE MASCOT. HIGGINS REPORTED TO HIS DIVISION OFFICER LATER...

IGNEE YOU MY WORD, SIR... WE LOOKED THE BEST WE COULD!

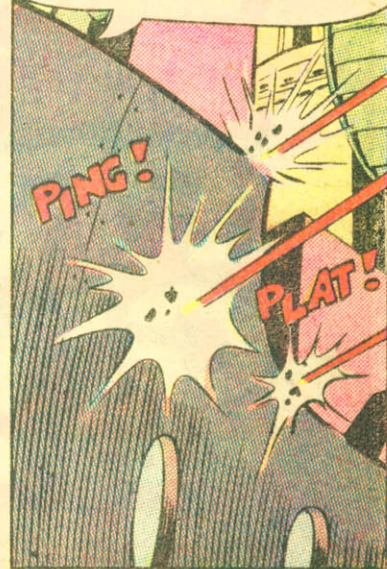
VERY WELL, HIGGINS! THIS HAD BETTER NOT BE A TRICK. WE'RE GETTING UNDERWAY RIGHT NOW!

THEY DIDN'T FIND ANYTHING UNTIL THEY HEARD FRANTIC BARKING NEAR THE AFTER MAGAZINE...

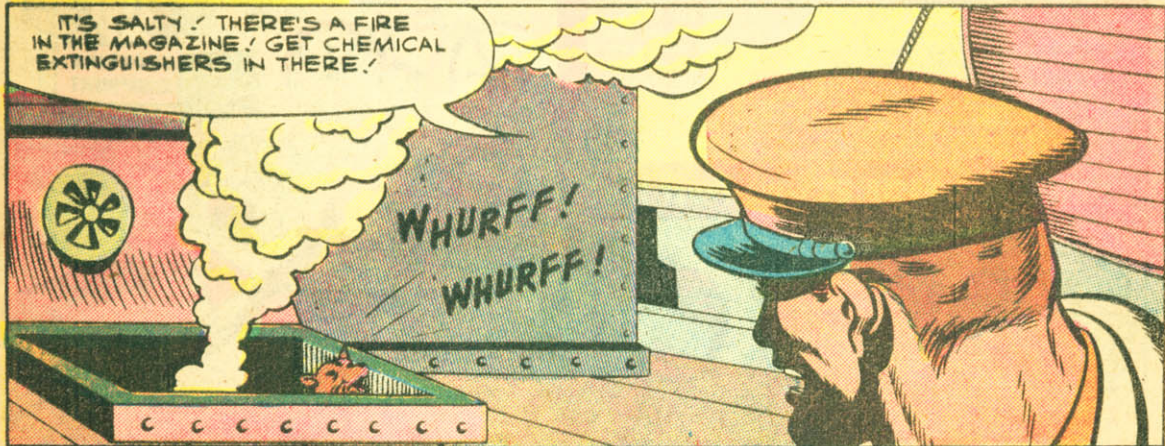
TWO DAYS LATER, THE DESTROYER WAS HERDING HER CONVOY SOUTH OF RABAU... WHEN THE JAPS CAME...



SEND THE DAMAGE CONTROL PARTY BELOW... CHECK FOR DAMAGE!



IT'S SALTY! THERE'S A FIRE IN THE MAGAZINE! GET CHEMICAL EXTINGUISHERS IN THERE!



FIRE IN AFTER MAGAZINE IS OUT, SIR! SALTY FOUND IT--HIS BARKING LED US TO IT!

THANK YOU, MISTER! THE DOG IS A VIOLATION OF MY ORDERS...



... BUT I KNOW WHEN TO MAKE AN EXCEPTION! THE... SALTY WILL STAY ABOARD! HE'S OUR OFFICIAL MASCOT FROM NOW ON!



END

EARLY AIRCRAFT DEVELOPMENTS

As early as the vision of the wonders of flight itself came premonitions of the inevitable horror that would surely follow the phenomenon. Even the early legends of India contain prophecies that in time there would be built "an aerial chariot with sides of iron and clad with wings which hurled down upon the city missiles that destroyed everything on which they fell."

During and following the ancient and medieval ages, men wrote boldly of flying but did little or no experimenting. Most of the theories during those centuries were naturally based on the flight of birds. Roger Bacon, of gunpowder fame, described in his writings an "instrument to fly withall so that one sitting in the midst of the instrument does turn an engine by which the wings, being artificially composed, may beat the ayre after the manner of a flying bird."

Leonardo da Vinci, another prophet of the future, conceived the parachute, "a domed roof of starched linen, 18 feet wide and 18 feet long," by means of which a man could "throw himself from any great height without fear or danger." Theoretical discussion of flying continued to increase during the sixteenth, seventeenth and eighteenth centuries until at last something practical in the way of flight was attempted.

On September 19, 1783, the Montgolfier brothers of Paris, France built the first successful hot air balloon. Their gas filled envelope was sent aloft with a sheep, a rooster and a duck as passengers before the assembled court of Louis XVI. Three days after all had returned in good shape; a brave individual named Jean Francois Pilatre de Rozier became the first human aerial passenger. He had hardly landed safely when M. de Vilette, a representative of the Journal de Paris, went aloft with de Rozier. While the newspapers made much of a Frenchman being the first human being to make an ascent, greatest emphasis was placed on pointing out the advantages the balloon would give to an army on land and to a navy on sea.

In short order, books were being hawked on the streets of cities close to France predicting that the French would descend upon them some still night with troops being transported by noiseless balloons. This psychological scare seemed to excite almost everyone about the possibility of the balloon in warfare except the French, who took it simply as a great national

achievement and very little else.

A more important discovery took place across the channel in England in 1810 when Sir George Cayley built the world's first glider. It worked to the extent of successfully carrying a man in the air. The glider was a brilliant achievement in that it not only lifted a man in free flight and landed without killing the operator but also laid down the first sound aerodynamic principles upon which heavier-than-air machines are based.

For in order to be successful, Cayley had to master many complex problems that worked in direct opposition to each other. Such as cross-wind stresses, drag and the constant pull of gravity. Sir George patiently sought by experience just how things actually worked instead of going by mental calculations that were based for the most part on hypothesis. Like many others before him, he died thinking himself a failure. Whereas in reality he left a great contribution in his chosen field. He undoubtedly was the pioneer in the study and development of elementary aerodynamics.

Although Cayley had proved that a man-carrying-heavier-than-air machine could be kept aloft by air currents, practically all effort in this direction was dropped in favor of the balloon. The French Revolution gave it its greatest impetus and its first use as a military device. Scarcely a war followed in which the gas filled bags did not play a conspicuous part.

In this country a Professor Lowe organized the United States Army's aeronautical corps which saw much active service during the Civil War. The professor himself logged more than 3,000 ascents in captive balloons often staying aloft all day to observe the movements of the Confederate troops.

One of his companions on numerous ascents was a young German military attache, Col. Ferdinand von Zeppelin, who at the time was serving as observer for his government. He seemed to be more interested in the possibilities of the balloon in warfare than in the tactics employed by the opposing forces.

Its desperate position in the Franco-Prussian War caused France to authorize the formation by Felix Nadar of the "Ballon Poste" in order to float mail and passengers out of the besieged city of Paris. Later, the entire French Government used this method of escape when it seemed certain the city would be captured.

It was during the blockade of Paris that American citizens were first subjected to anti-

aircraft fire. W. W. Reynolds, an agent for the Remington Arms Co. and C. W. Way, a New York merchant, were caught in the siege. They persuaded the authorities to build them a balloon, and on October 7, 1870, they ascended, accompanied by two French aeronauts.

The basket was heavily loaded, mostly with French gold in payment for armament sold to the Emperor Napoleon and failed to rise properly. As it drifted low towards the German lines, it was shelled by Prussian artillery, sniped at by infantry, and followed by troops of galloping horsemen. After several perilous escapes they were finally blown out of reach of their pursuers, and they landed safely beyond the Prussian lines in a field near Amiens.

With the development of a power source known as the gasoline engine, the construction of balloons made with longitudinal lattice framework followed. The name "dirigible" was given to this type of airship. The designers believed the day had at last arrived when a balloon could be guided by an outside power source to and from any destination and not be dependent on changeable currents of air for its motive power.

An airship of this type was devised by the French in 1897 but it was far from successful. Two years later Germany developed the first practical aircraft along these lines. Santos-Dumont, a Brazilian living in France, working on different principles from the German inventor also succeeded in constructing a successful lighter-than-air-ship.

The French Army, however, had other ideas concerning aircraft and paid little attention to the success of dirigibles. As early as 1891 it had commissioned Clement Ader, considered the foremost aeronautical enthusiast in France to build for the army its first military heavier-than-air plane. Ader, an electrical engineer by profession, was closely connected with the development of the telephone in France.

After selecting the bat as the best model to imitate, he started to build a craft similar in appearance to this creature, which he called the "Avion." It was provided with a 40 horsepower motor driving two propellers. The whole plan was kept in great secrecy. The French

government even appropriated \$100,000 for the founding of an arsenal to construct and subsequently arm a fleet of these planes.

But, alas, on October 14, 1897, after six years of hard work, the aircraft was completely wrecked in its initial attempt at flight. And the authorities refused to advance any more money. Sir Hiram Maxim, who originated the world's first successful machine gun, was approached by the British Government. It agreed to finance the building of a flying machine if he would design it.

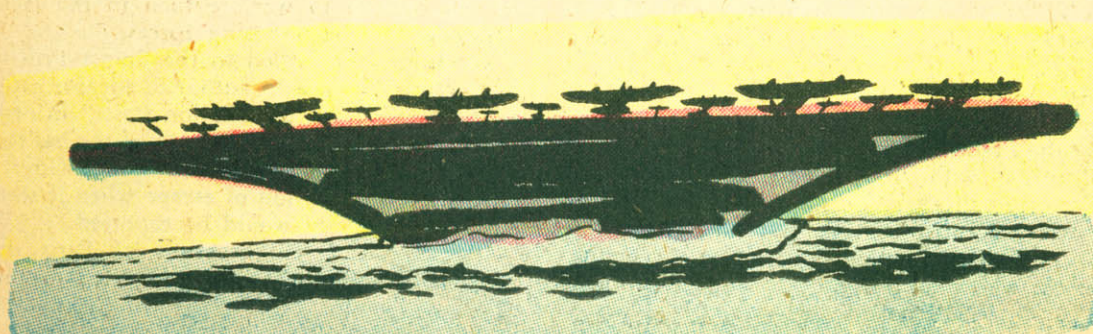
He agreed to construct a large aircraft of the multiplane type with a wing spread of 120 feet. He provided it with 2 steam engines, each capable of generating 175 horsepower. The completed assembly weighed 7,000 pounds, but it too was wrecked on its first attempt to fly. The British Government then withdrew its support.

Ader and Maxim's efforts can best be summed up as serious efforts to fly but with no proved results. Maxim did contribute one thing to aviation. He argued successfully that an airplane, because it was intended to fly, did not necessarily have to flap its wings like a bird. As he stated, "If airplanes should be constructed like birds to be more efficient, then by the same token locomotives should be built like horses.

Samuel P. Langley was a great pioneer in American aviation who was continually harassed by bad fortune. He, in association with Charles E. Manly, built several contraptions called "Aerodromes." While they never managed to fly, present day authorities have judged them magnificent failures. That is, they were of sound construction and as advanced as it was possible to be at the time, especially in respect to motive power.

But it became the lot of two modest young men, Orville and Wilbur Wright, whose background consisted mainly in the building of bicycles, to fulfill the age old dream that had bedeviled mankind from the earliest days to the twentieth century. For on December 17, 1903, their "contraption" made a halting erratic flight of 120 feet. And aviation, as we know it today, came to life.

— THE END —



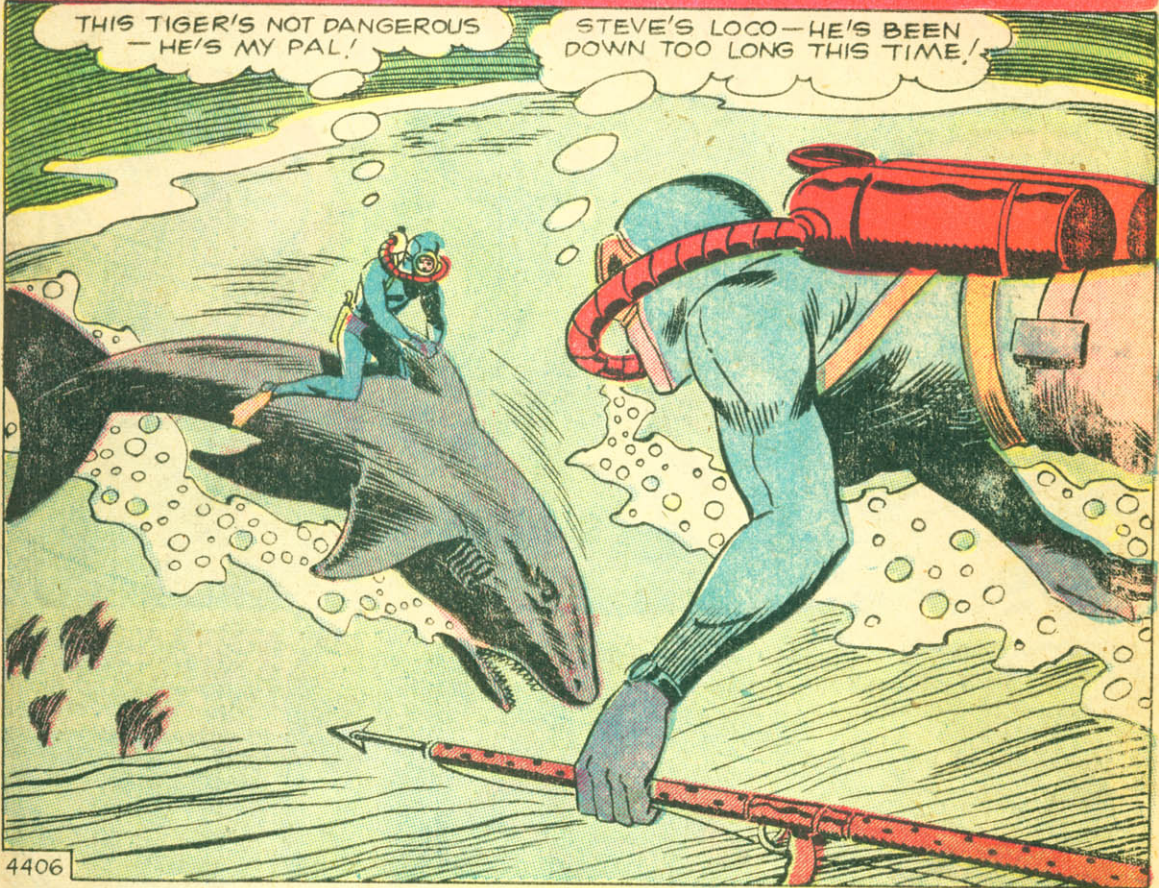
WAR AT SEA

I HAD NO WARNING... BO AND I, WORKING IN AQUALUNGS AT 190 FEET, HAD BEEN DOWN AN HOUR... I WAS COLD AND TIRED... THEN, SUDDENLY, I FELT CAREFREE... GIDDILY HAPPY! I DIDN'T KNOW MUCH ABOUT "NITROGEN NARCOSIS" TILL THAT TERRIBLE MOMENT! IT WAS THE BEGINNING OF...

THE HAPPY DEPTH!

THIS TIGER'S NOT DANGEROUS
— HE'S MY PAL!

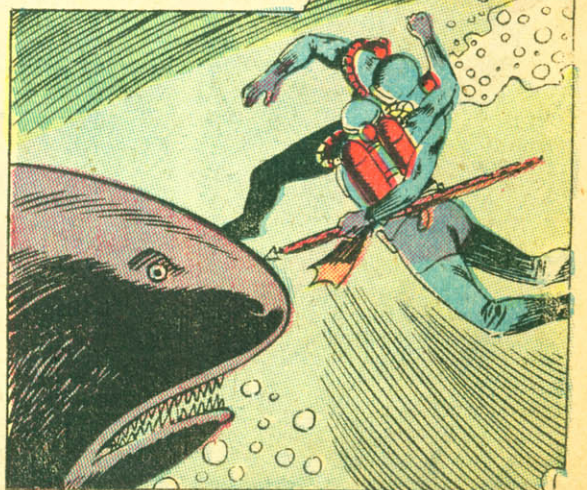
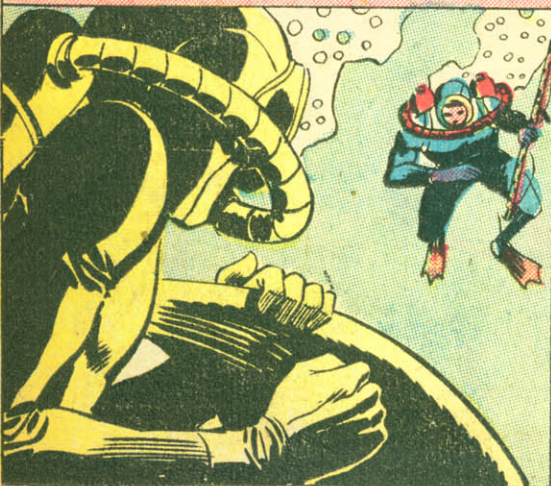
STEVE'S LOCO—HE'S BEEN
DOWN TOO LONG THIS TIME!



4406

I SAW BO COMING TOWARD US... HIS
DEADLY SPEAR OUT THRUST, A MENACE FOR
MY NEWFOUND PAL, THE SHARK!

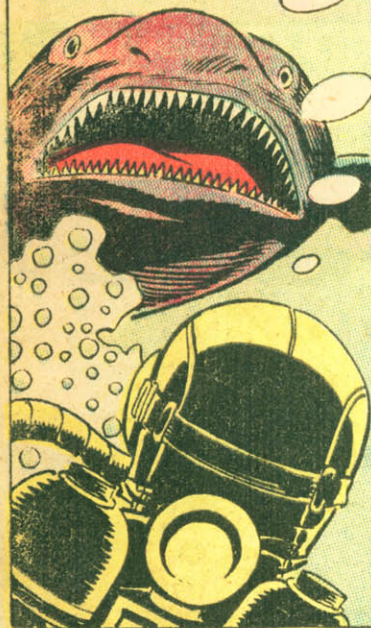
I WAS TIRED BUT I DIDN'T CARE—I ANGLED
AHEAD TO GET BETWEEN THE ONCOMING SHARK
AND BO—MY ENEMY!



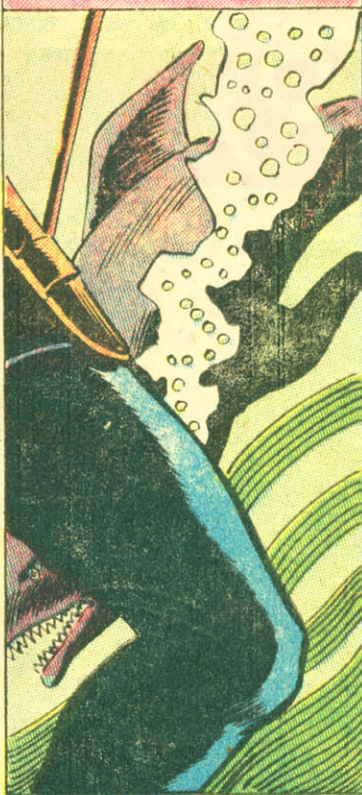
WAR AT SEA

I MISSED HIM, AND TURNING, I SAW THE HUGE JAWS OF THE SHARK SPEEDING TOWARD ME!

HE'S BLUFFIN'-SHARKS DON'T BOTHER PEOPLE!

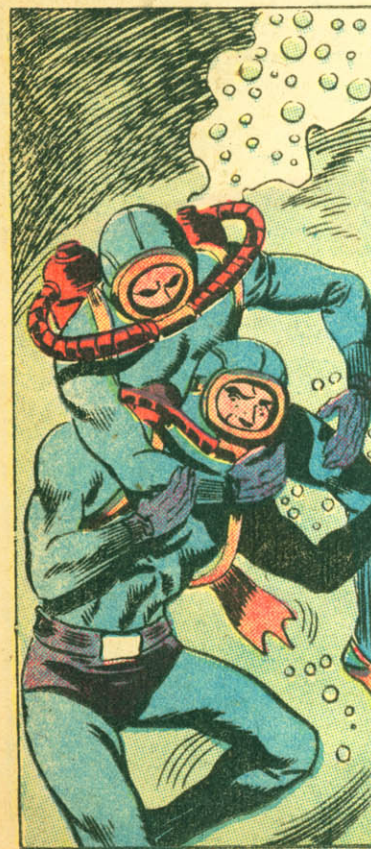


BO'S SPEAR FINISHED THAT SHARK QUICKLY...



BO CAME FOR ME THEN! I WAS READY TO FIGHT HIM!

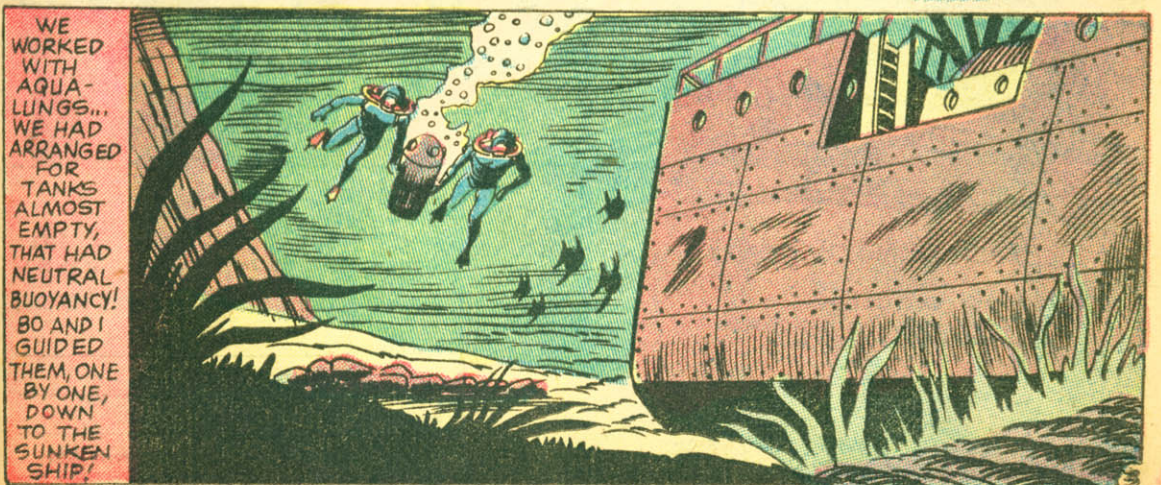
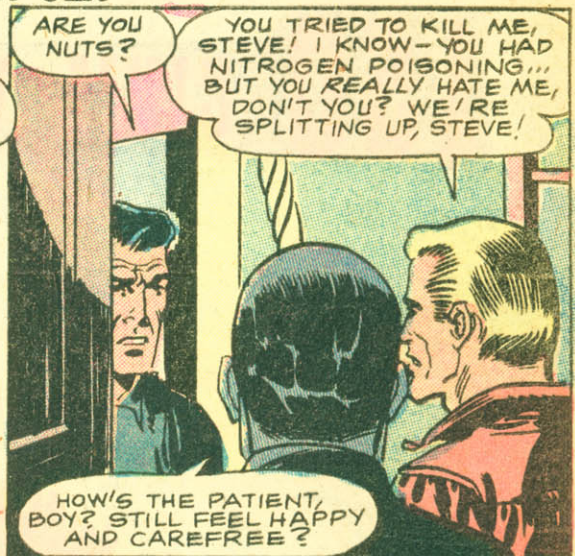
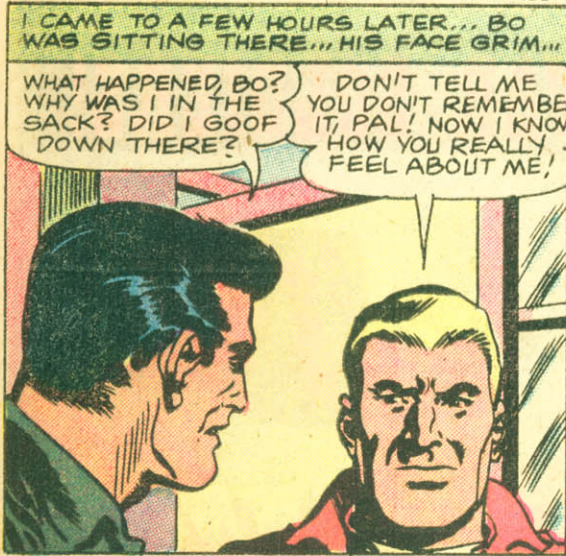
HE WANTS TO FINISH ME- THEN HE'LL OWN THE BOAT AND THE BUSINESS! GOT WISE IN TIME!



THAT'S ALL I REMEMBER... BUT I KNOW BO TOWED ME TO THE SURFACE AND GOT THE DOCTOR TO WORK ON ME!



WAR AT SEA



150 CIVIL WAR SOLDIERS!

TWO COMPLETE ARMIES—THE BLUES AND THE GREYS!
EACH PIECE OF MOLDED PLASTIC, EACH ON ITS OWN
BASE MEASURING UP TO 4 INCHES!

\$1.49



EACH GUN BOX CONTAINS:

- | | | |
|------------------|------------------------|-------------------|
| 30 Cavalrymen | 18 Field Cannon | 6 Hospital Nurses |
| 30 Infantrymen | 6 Gatling Machine Guns | 6 Hospital Wagons |
| 18 Sharpshooters | 6 Coast Mortars | 6 Buglers |
| 6 Scouts | 6 Sergeants | 3 Merrimac Ships |
| 6 Officers | 3 Monitor Ships | |

JOSELY CO., Dept. W-6
Carle Place
Long Island, N. Y.

HERE'S MY \$1.49!

Rush the CIVIL WAR SOLDIERS TO ME!

Name _____

Address _____

City _____ State _____

Canadian Orders: Send \$1.75 Postal Money Order

WAR AT SEA

I USED THE UNDERWATER TORCH TO WELD THEM TO THE SUNKEN HULL! ONE BY ONE, BO AND I ATTACHED THE BIG TANKS TO THE HULK...

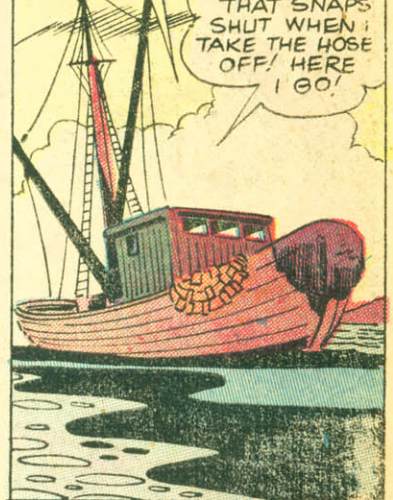
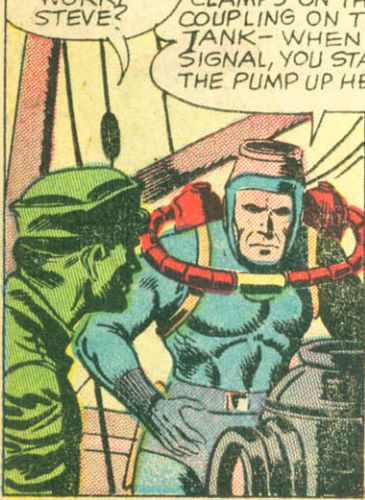
HOW'S THIS OPERATION WORK, STEVE?

IT'S SIMPLE - THE AIR HOSE CLAMPS ON THE COUPLING ON THE TANK - WHEN I SIGNAL, YOU START THE PUMP UP HERE!

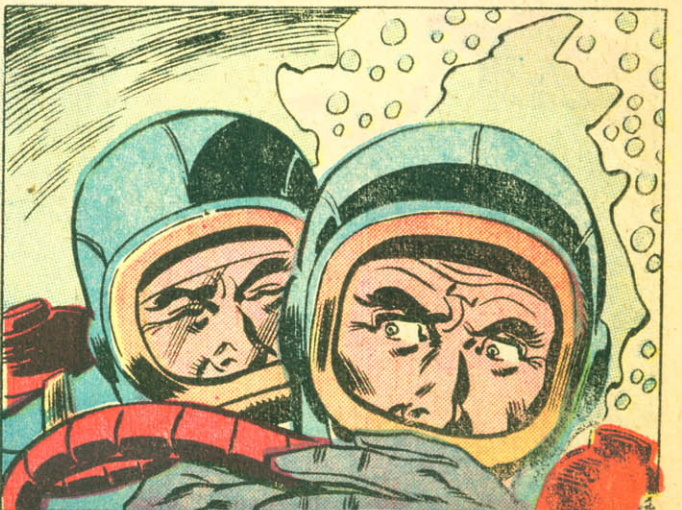
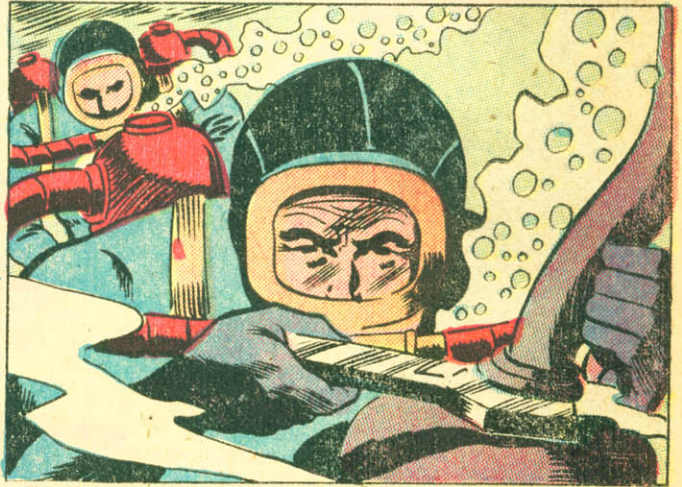
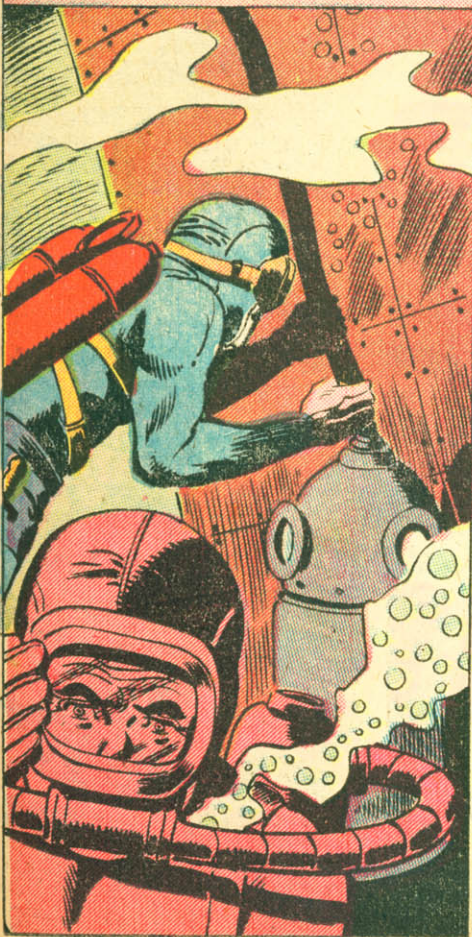
THE AIR IS PUMPED INTO THE TANK AT THE TOP - THERE'S A HOLE IN THE BOTTOM OF THE TANK! THE WATER IS FORCED FROM THE TOP DOWN THRU THE HOLE IN THE BOTTOM OF THE TANK!

YEAH - WHEN YOU TAKE THE HOSE OFF TO PUMP ANOTHER TANK THE WATER WILL FILL IT UP AGAIN!

WE'RE SHREWD - WE THOUGHT OF THAT, TOO! THERE'S A CUT-OFF VALVE - A ONE-WAY JOB THAT SNAPS SHUT WHEN I TAKE THE HOSE OFF! HERE I GO!

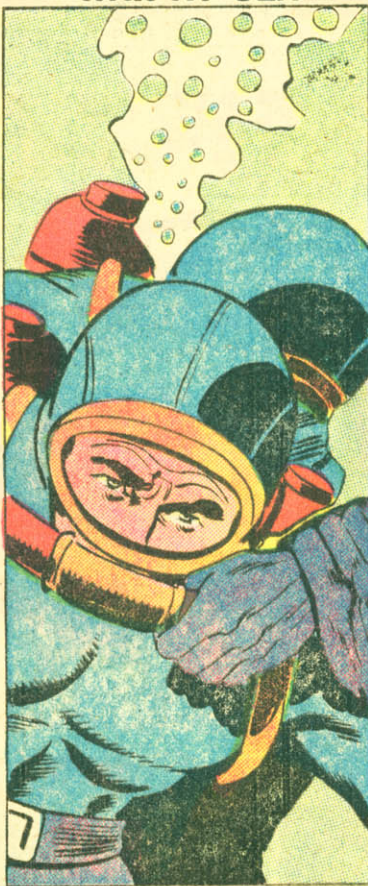
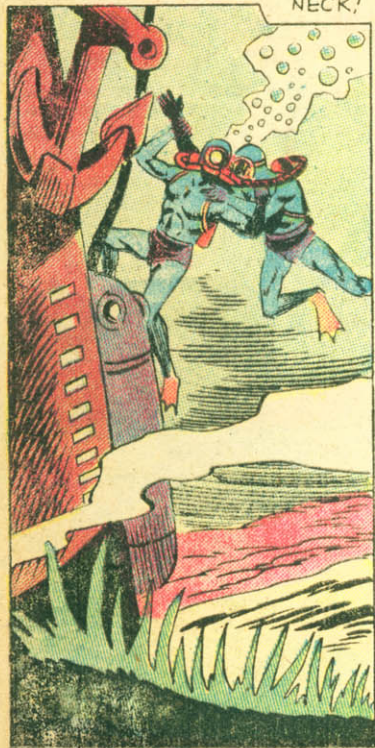


WE WENT TO WORK PUMPING ALTERNATE TANKS AROUND THE SHIP! BO AND I WORKED TOGETHER PERFECTLY...



WAR AT SEA

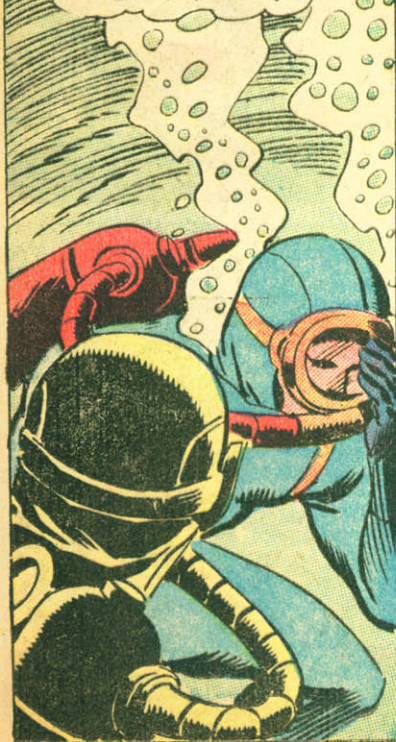
I KNEW WHAT WAS WRONG...THE SAME THING THAT GOT ME THE DAY BEFORE! BO, DOWN LONGER THAN I, HAD NITROGEN NARCOSIS! HE WAS HAVING FUN...LAUGHING WHILE HE TRIED TO BREAK MY NECK!



IF HE WRENCHED OFF THE AIR HOSE, I WAS A DEAD MAN... HIS YANK NEARLY TORE MY HEAD OFF! I EMPLOYED A TACTIC I'D LEARNED IN THE WAR!



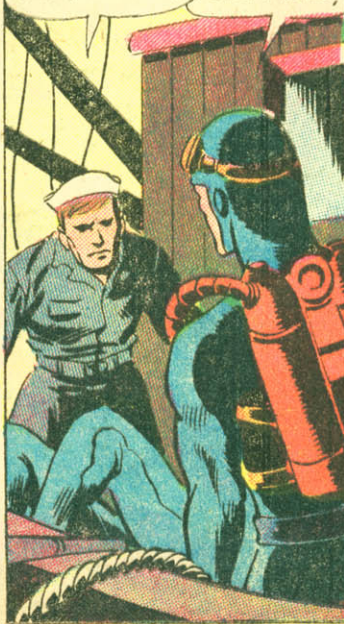
HE SNAPPED OUT OF IT— BUT HE'S TERRIBLY WEAK! I'VE GOT TO GET HIM TO THE SURFACE!



WE BARELY MADE IT— WE WERE DOWN DEEP AND I WAS EXHAUSTED LONG BEFORE WE REACHED THE SURFACE...

HE'S OUT COLD! SOMETHIN' HAPPEN TO HIM, STEVE?

NOTHIN' BUT NITROGEN SICKNESS!



FOR MY MONEY, THAT'S THE WORST THING THAT CAN HAPPEN DOWN THERE! WE'VE EACH HAD IT NOW— WE TRIED TO DO AWAY WITH EACH OTHER— AND WE'RE BEST FRIENDS! TAKE MY ADVICE, FRIEND— BE CAREFUL WHEN YOU GET DOWN DEEP— DON'T BE A DEADLY DANCER!



THE END

MENACE ^{IN OUR} MIDST!

WHILE MILLIONS OF TONS OF ALLIED SHIPPING WERE BEING SUNK, THE PUBLIC HEARD VAGUE RUMORS OF U-BOATS BEING CAPTURED WITH THE LATEST PAPERS ABOARD... SOME MEMBERS OF THE CREW HAD MOVIE STUB TICKETS! IT WAS LT. GAULT'S JOB TO CHECK ON THIS... TO LEARN IF THE GERMANS HAD SUB BASES IN THE U.S. WATERS!

TELL THEM TO GIVE UP, HERR KAPITAN!

JAH, IT IS NO USE TO US NOW! BUT WE ARE ONLY ONE, LIEUTENANT! MY COMRADES WILL AVENGE US!



IT BEGAN AS A RUMOR EARLY IN 1942...

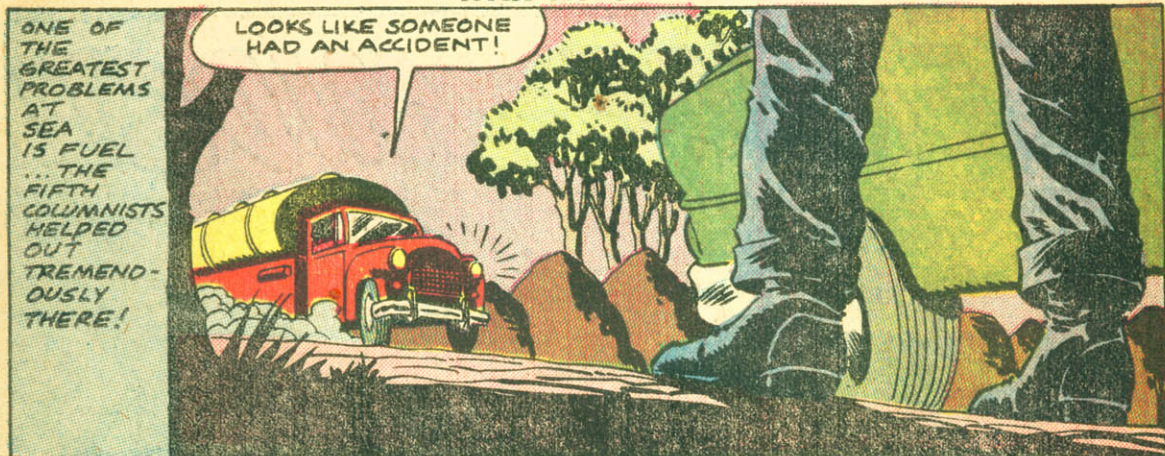
I HAD THE RUMOR TRACED DOWN, SIR! A WAITRESS IN BOSTON STARTED IT! SAYS SHE MET A GERMAN SEAMAN, HE WAS INTOXICATED, AND FROM A U-BOAT!



THE MAN WAS PROBABLY JOKING... BUT ASSIGN YOUR BEST MEN TO THIS! FIND OUT DEFINITELY IF THE U-BOAT NAVY DARES TO COME THAT NEAR TO OUR SHORES!



WAR AT SEA



ONE OF THE GREATEST PROBLEMS AT SEA IS FUEL... THE FIFTH COLUMNISTS HELPED OUT TREMENDOUSLY THERE!

YOU WILL NOT BE HARMED IF YOU COOPERATE! HANS... TAKE THE TRUCK!

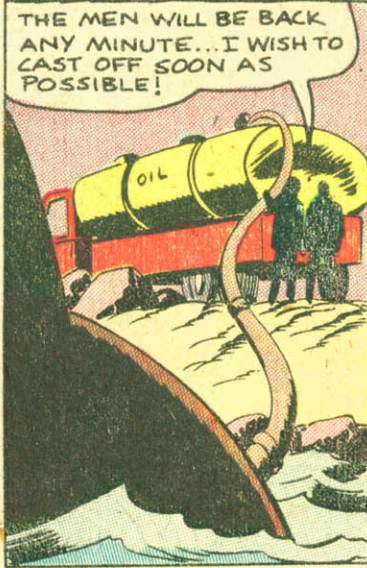
THERE WAS AN INACCESSIBLE DEEPWATER COVER NOT FAR AWAY...

THE MEN WILL BE BACK ANY MINUTE... I WISH TO CAST OFF SOON AS POSSIBLE!

IT IS NON-SENSE TO LET THE MEN ASHORE HERR KAPITAN!

NO, IT IS NECESSARY! MY MEN NEED RELAXATION...

IF THEY DON'T GET IT THEY MAY MUTINY!

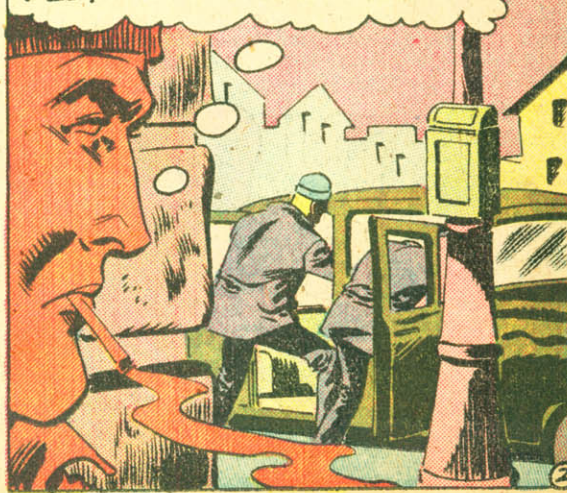
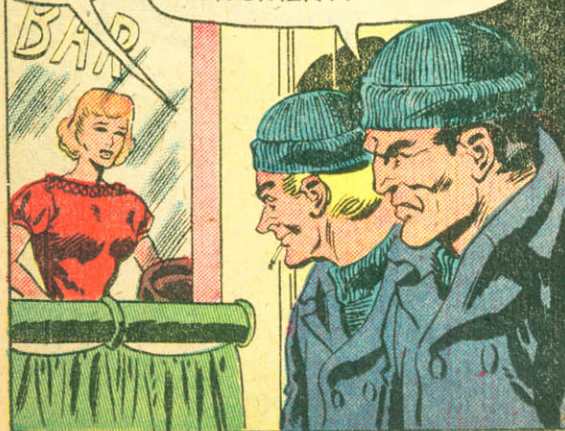


THE U-BOAT CREW MEN WERE HAVING A BIG TIME... WITH ONE EYE ON THE CLOCK!

OTTO, LOOK!

QUIET FOOL! THE CAR WILL BE HERE FOR US IN A MOMENT!

THEY'RE NOT MERCHANT SEAMEN... THEY'RE TOO JUMPY, TOO UNDER-FED! AND THEY'RE SERVICEMEN...



WAR AT SEA

LT GAULT...US INTELLIGENCE...
HAD A CAR AND DRIVER WAITING.

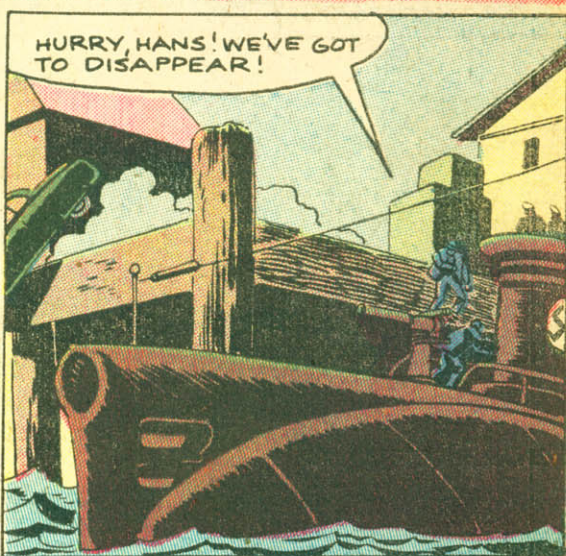
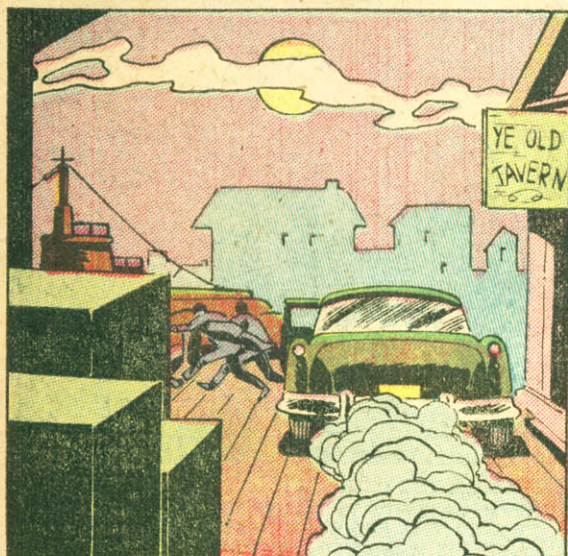
WHO ARE
WE TAILING,
SIR?

A SUBMAR-
INE GEORGE!
HELLO, TOPEKA,
THIS IS
BUNKER
THREE!

I'M FOLLOWING
TWO OF
THEM NOW,
SIR! I'M
SURE THEY'RE
OUR BOYS!

BE CARE-
FUL BUNK-
ER THREE!
AN OIL
TRUCK WAS
HIJACKED
IN THIS
AREA
TONIGHT!

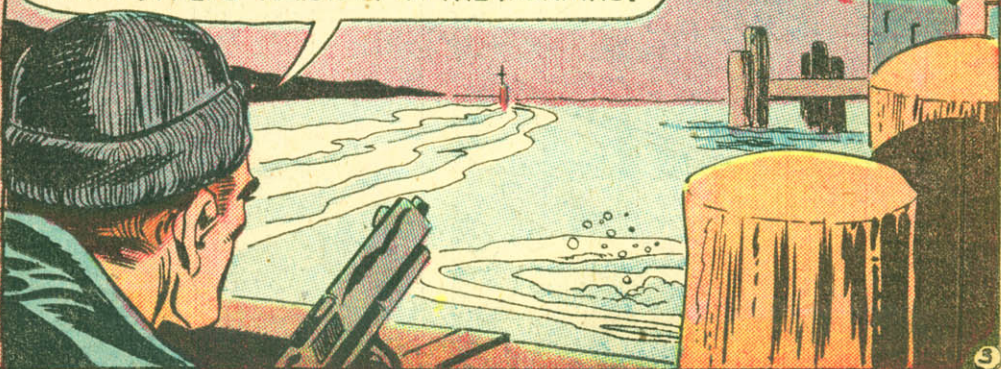
THERE IS A CAR FOLLOW-
US WITHOUT LIGHTS! HANS
... YOU KNOW HOW TO
DISPOSE OF THE CAR!



HURRY, HANS! WE'VE GOT
TO DISAPPEAR!

THERE
WERE
NO
TURN-OFFS
...THERE
WAS
NOWHERE
FOR THE
BIG CAR
TO GO!
BUT
WHEN
GAULT
CAME
TO THE
WATER
THERE
WAS
NOTHING!

GONE! WHAT DID THEY DO WITH THE CAR?
OH... IF IT'S DEEP ENOUGH FOR THE
SUB IT WOULD COVER A CAR. I'LL
HAVE DIVERS RAISE IT IN THE MORNING!



WAR AT SEA

LT. GAULT MADE HIS REPORT AN HOUR LATER...

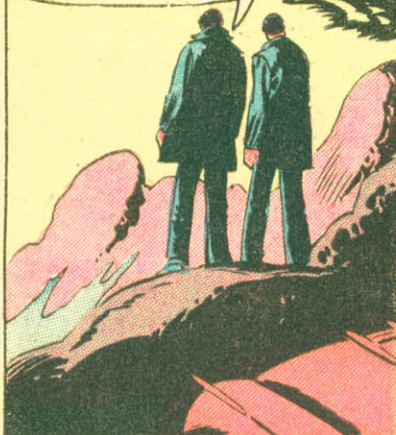
WE REALLY DIDN'T BELIEVE THAT THE U-BOATS WERE LANDING ON OUR BEACHES TILL NOW! I'LL PUT A THOUSAND MEN ON THIS!

FINE... I'VE GOT AN IDEA WHERE I'LL FIND ONE OF THEM!

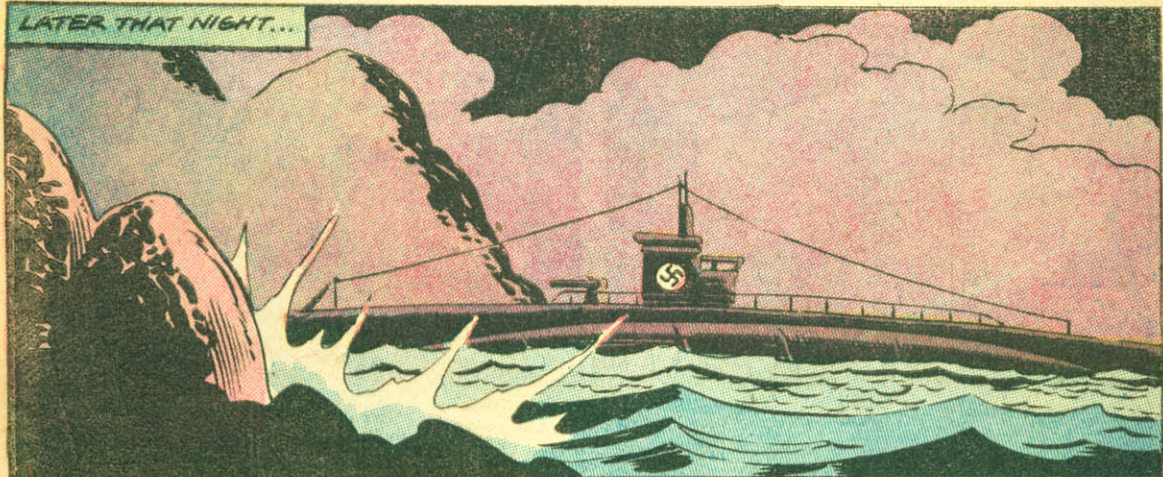
LT. GAULT HEADED NORTH TOWARD A HARBOR IN PORTSMOUTH, NEW HAMPSHIRE!

THIS DOESN'T LOOK LIKE A GOOD SPOT FOR A SUB, SIR! TO MANY ROCKS AND SHOALS!

THERE'S A CHANNEL TOO... SMUGGLERS USED THIS COVE IN PROHIBITION! THEY TOOK AN OCEAN GOING FREIGHTER IN THERE!



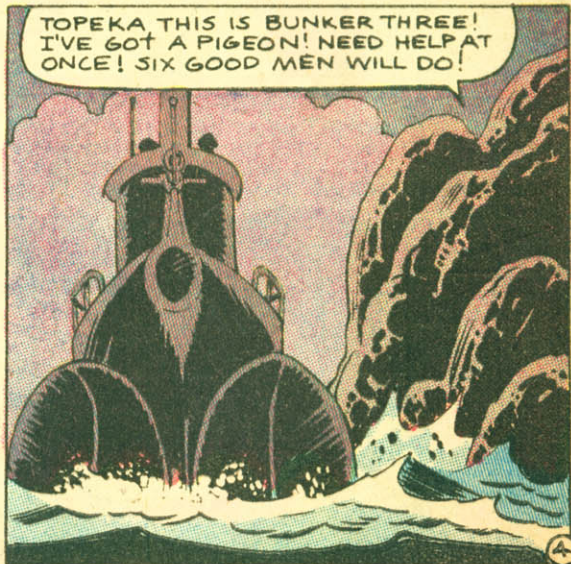
LATER THAT NIGHT...



LET GO THE ANCHOR... NO ONE WILL GO ASHORE! OUR AGENTS WILL MEET US HERE!



TOPEKA THIS IS BUNKER THREE! I'VE GOT A PIGEON! NEED HELP AT ONCE! SIX GOOD MEN WILL DO!



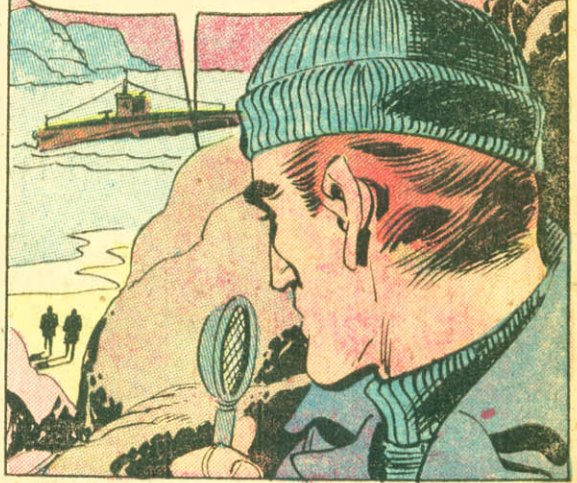
WAR AT SEA

MEANWHILE ON THE LAST LEG OF A TRIP FROM DETROIT SABOTAGE OPERATIONS...

THE SUB... IT IS WAITING, CARL! IN TWO WEEKS WE WILL GET OUR REWARDS FROM THE FUEHRER!

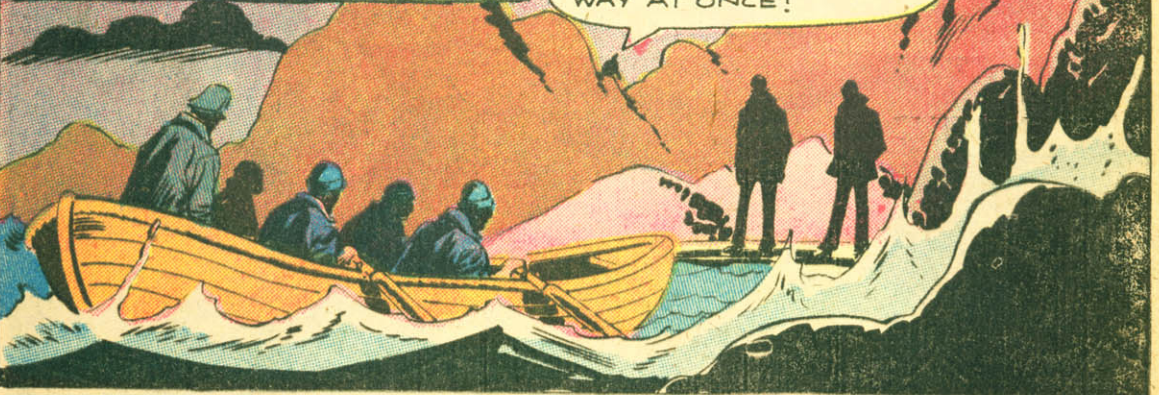


THEY'RE PASSING POINT EIGHT! I'LL FOLLOW AS PLANNED!



THE TWO SABOTEURS FOUND THE U-BOAT DINGHY WAITING...

HERE THEY COME... PREPARE TO GET UNDER WAY AT ONCE!



THEY'RE READY TO GET UNDER WAY! BLAST IT, WHERE'S THE...

THERE'S A PATROL BOAT CLOSE INSHORE ON THE OTHER SIDE OF THIS POINT, SIR!



SORRY, SIR! WE HAD TO RUN SLOW AND QUIET UP TO NOW, SIR!

WE DON'T FROM NOW ON!

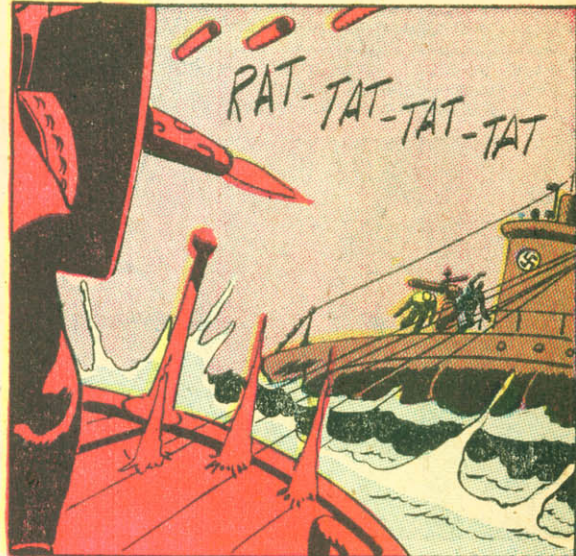


START THE ANCHOR WINCH! WE WILL ... EH?

FAST MOTORBOAT ROUNDING THE POINT HERR KAPITÄN ... COMING FAST!



WAR AT SEA



VERY WELL! TELL THE ENGINEERING OFFICER WHAT HAS HAPPENED, OTTO!



YES, LT GAULT'S CAPTURE OF THE U-BOAT IN OUR MIDST PROVED THERE WERE SUBS IN OUR WATERS BUT NAVAL INTELLIGENCE WAS ALERTED...

YOUR BRANCH DID A REMARKABLE JOB FOR US, COMMANDER! KEEP UP THE GOOD WORK!



giant inflatable toys of pre-historic monsters who ruled the earth millions of years ago

7 GIGANTIC DINOSAURS

WITH GENUINE
TOSS-UP FEET ACTION!

MOLDED ONE-PIECE
QUALITY LATEX!

COMPLETELY INFLATABLE!

for \$1.00

(No COD's please!)

up to 4 FEET TALL

Here's thrilling excitement for everyone with this giant-size collection of pre-historic dinosaurs at this low, low price of just \$1.00 (plus post.) Thrill to their fascinating names! Command these fun-loving pre-historic monsters to your every prank! Toss them in the air and they always land on their feet . . . swinging and swaying in every direction without tilting over.

Great for children! Terrific for parties! Colossal for adults! So order right now for stupendous fun. Fill out the coupon below. You take no risk because you must agree that these giant dinosaurs are everything we say or your money promptly refunded.

THEY SWING AND SWAY
IN EVERY DIRECTION!

THEY BEND, LEAN,
AND TILT!

THEY BOUNCE AND HOP!

EVEN THE TINIEST
BREEZE ANIMATES THEM!

THEY STAND AND WIGGLE!

7 DIFFERENT
PRE-HISTORIC
MONSTERS
IN EACH
PACKAGE

CERATOSAURUS

TRACHODON

PROTOCERATOPS

SEA SERPENT

SPHENACONDON

PLATEOSAURUS

TRITASNAPATUS

MAIL THIS HANDY COUPON NOW!

GIANT DINOSAURS, DEPT. B9511
114 East 32nd St., New York 16, New York

I can hardly wait to get my complete collection of pre-historic dinosaurs. Please rush my order. Enclosed is \$_____ in cash ☐ check ☐ money order ☐ for _____ sets, each at \$1.00 plus 25c postage & handling charges. My money back if I'm not satisfied.

NAME _____

ADDRESS _____

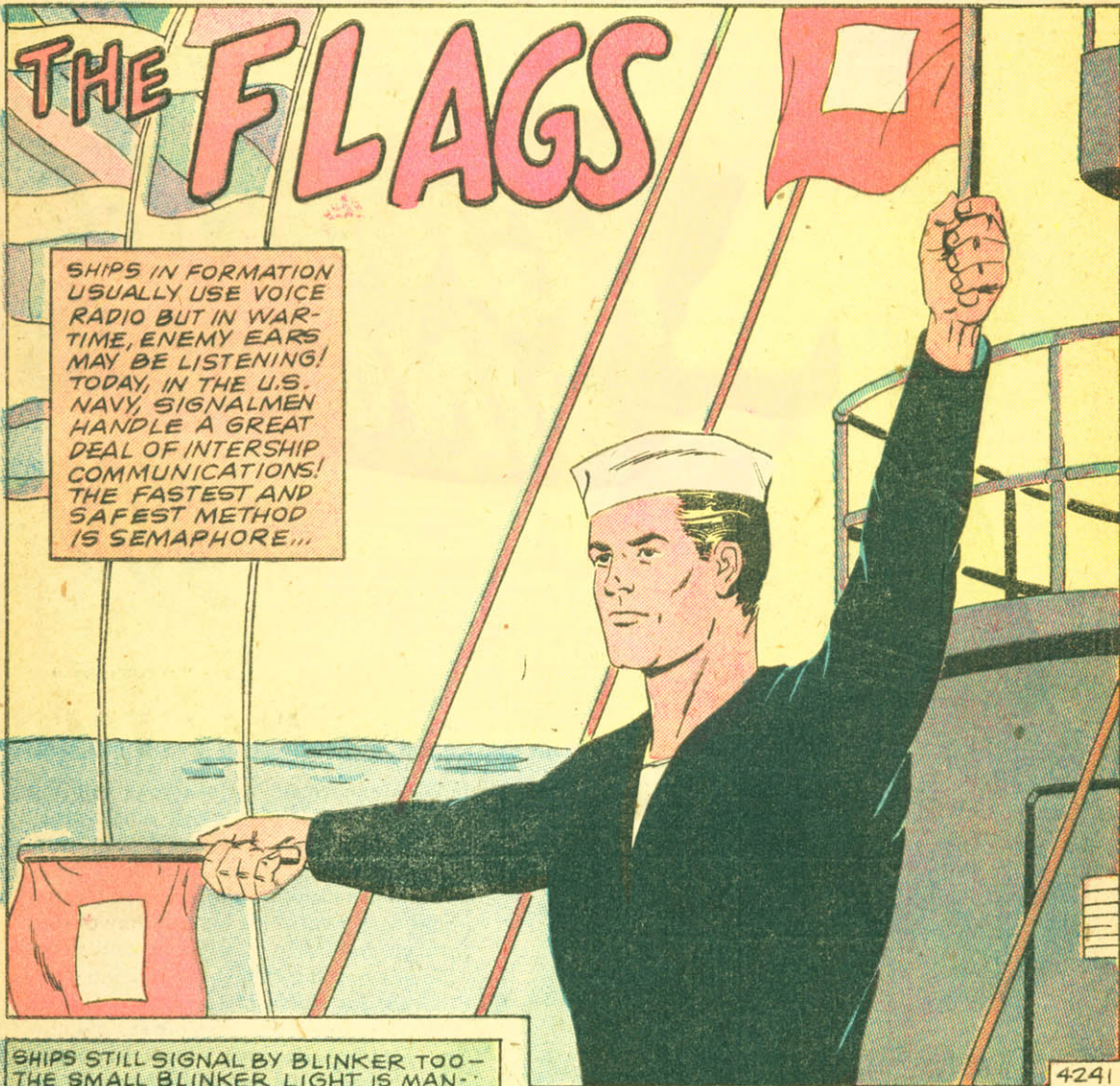
CITY _____

ZONE _____

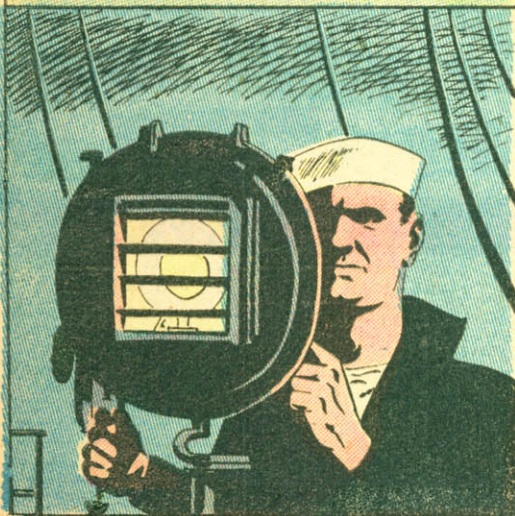
STATE _____

THE FLAGS

SHIPS IN FORMATION
USUALLY USE VOICE
RADIO BUT IN WAR-
TIME, ENEMY EARS
MAY BE LISTENING!
TODAY, IN THE U.S.
NAVY, SIGNALMEN
HANDLE A GREAT
DEAL OF INTERSHIP
COMMUNICATIONS!
THE FASTEST AND
SAFEST METHOD
IS SEMAPHORE...



SHIPS STILL SIGNAL BY BLINKER TOO—
THE SMALL BLINKER LIGHT IS MAN-
UALLY OPERATED, THE SHUTTERS
CLICKING UNBELIEVABLY FAST WHEN
A GOOD SIGNALMAN IS SENDING...

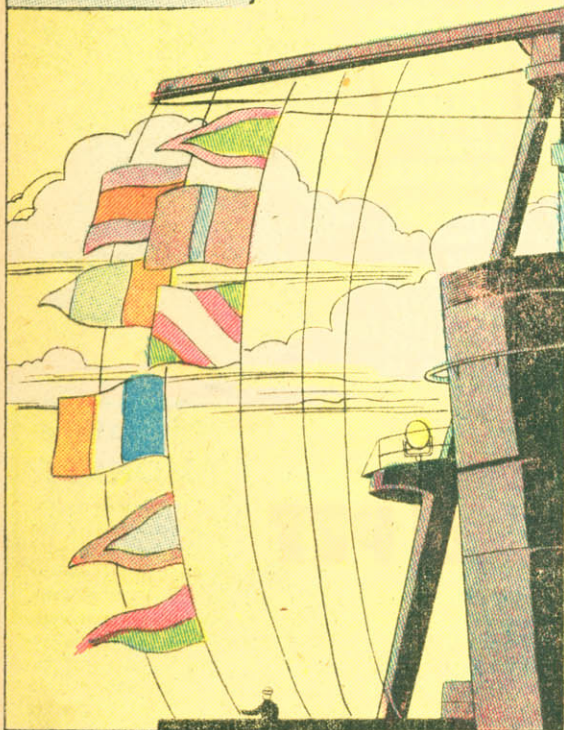


THE
SMALLER
BLINKER
IS GOOD
AS FAR
AS THE
HORIZON—
BUT A
BIGGER
LIGHT IS
USED AT
NIGHT
WHEN
THERE ARE
CLOUDS,
USING THE
BIG LIGHT
THIS WAY
SHIPS FAR
OVER THE
HORIZON
CAN BE
REACHED!



WAR AT SEA

TACTICAL MESSAGES...ORDERS TO SHIP IN FORMATION FROM THE FLAGSHIP... ARE USUALLY SENT BY SIGNAL FLAGS.FLOWN ON A HALYARD...



OFFICERS OF THE U.S. NAVY ARE TRAINED IN THE USE OF FLAGS AND CAN READ INTERNATIONAL MORSE CODE, THAT'S USED WITH LIGHTS...

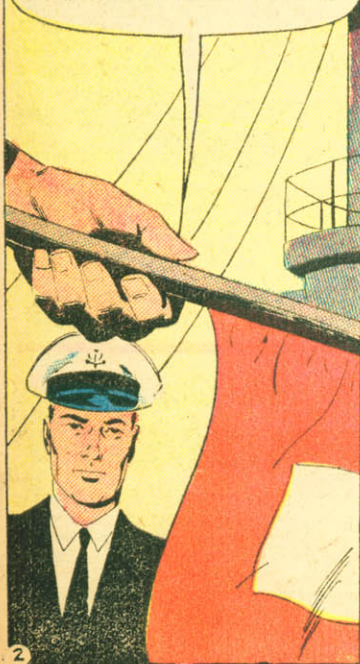


RADIO SHACK'S ON FIRE, SIR!

THEY'RE USING A BLINKER LIGHT!

SIGNALMEN ARE HANDPICKED MEN, ALERT AND PROUD OF THEIR JOB. THEY PRACTICE CONSTANTLY, STRIVING FOR SPEED AND ACCURACY...

FASTER, SONNY, FASTER! AND DON'T MAKE ANY MISTAKES!

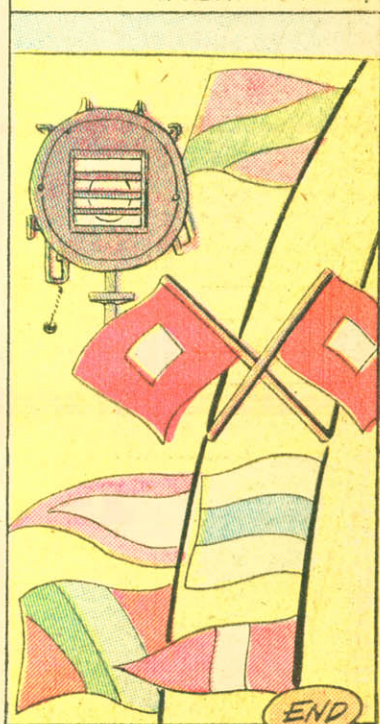


THIS STUFF IS OLD FASHIONED, CHIEF! WE'VE GOT RADIO AND RADAR NOW!

SONNY, AS LONG AS THERE'S A NAVY, THERE'LL BE SIGNALMEN - DOING A NECESSARY JOB, A JOB THAT OFTEN CAN'T BE DONE ANY OTHER WAY!



YES, IN THIS ATOMIC AGE, THE CENTURIES - OLD METHODS OF COMMUNICATION ARE STILL IN USE... AND STILL A NEEDED PART OF NAVAL COMMUNICATIONS!



END

Can You UNSCRAMBLE These States?

Join the fun! Everybody can win! Test your skill to qualify for a valuable prize. Just unscramble the names of four states and then mail us the answer. Everybody can win. Anyone can enter.

- | | |
|--|--|
| 1. NICILAFARO
(FAMOUS FOR ORANGES) | 3. SANOMENTI
(FAMOUS FOR LAKES) |
| 2. NAILAUOSI
(FAMOUS FOR SUGAR) | 4. NAVINEPSALYN
(FAMOUS FOR STEEL) |

EXAMPLE:
DOLIFAR
ANSWER:
FLORIDA



Please
Give
Me a
Home

WIN

Your Choice NEW Live MINIATURE PET

Miniature MONKEY

Tiniest monkey for a pet. So tiny you can hold it in your hand . . . healthy and very intelligent.

Miniature

DOG (WORLD'S TINIEST KIND)

This lovable, young Miniature Dog is so tiny you can carry it in your pocket or hold it in one hand, yet it is a reliable watch dog as well as loyal and affectionate.

HURRY! HURRY!

Send your answer today. Winners notified promptly by mail. Don't delay!

This is our way of getting acquainted.

Everyone who has received such a wonderful Miniature Pet is simply "crazy" about it . . . wouldn't part with it for the world. I'll be happy to send you ENTIRELY AT MY EXPENSE your choice of this alert, young Miniature Dog or Miniature Monkey. Send in your entry today and simply hand out only twenty get-acquainted coupons to friends, relatives and neighbors to help us get that many new customers as per our premium letter. Your choice of the adorable Miniature Dog or Miniature Monkey is sent to you when the coupons are used. Send your answer today.

Please send me your favorite snapshot, photo or Kodak picture when sending your 4 names of States to qualify for your Miniature Dog or Miniature Monkey. We will make you a beautiful 5 x 7 inch enlargement in a handsome "Movietone" frame. You can tell your friends about our bargain, hand-colored enlargements when you're handing out the get-acquainted coupons. Just mail me your favorite snapshot, print or negative NOW and pay the postman only forty-nine cents and a few cents for our c.o.d. service plus postage when your treasured enlargement arrives and I'll include the "Movietone" frame at no extra cost. Your original is returned with your enlargement and frame. Also include the COLOR OF HAIR AND EYES with your picture,

so I can also give you our bargain offer on a second enlargement artfully hand colored in oils for natural beauty, sparkle and life, like we have done for thousands of others.

I'm so anxious to send you a wonderful Miniature Dog or Miniature Monkey that I hope you send me your answer right away and also include your favorite snapshot. Mrs. Ruth Long, Gift Manager.

DEAN STUDIOS (OUR 20TH YEAR)
Dept. X-578, 211 W. 7th St., Des Moines 2, Iowa

DEAN STUDIOS, Dept. X-578, 211 W. 7th St., Des Moines 2, Iowa

Please enter my name for the Miniature Pet of my choice and send me the twenty coupons to hand out. Enclosed find snapshot or negative for enlarging.

NAMES OF STATES ARE:

1. _____
2. _____
3. _____
4. _____

Color of Hair _____ Color of Eyes _____

Name _____

Address _____

City _____

State _____

Any Photograph or Kodak Picture Copied

25 BILLFOLD (WALLET SIZE) PHOTOS \$1

SENT ON APPROVAL. First order, special get-acquainted bargain. Send favorite snapshot, or photo with adv. for 25 new, deckle edge photos, 2 1/2 x 3 1/2 in. size on double weight, silk finish, portrait paper. The rage for exchanging with friends, enclosing with letters or greeting cards. Used by job seekers, students, actors, parents. Original returned. **SEND NO MONEY.** Pay postman on arrival and a few cents for our c.o.d. service plus postage or enclose payment and we prepay. 4 day service. Satisfaction and quality guaranteed.

OFFER LIMITED
SEND TODAY

MOVYLAND STUDIOS DEPT. 296, 211 W. 7TH ST., DES MOINES 2, IOWA



My name is Charles Atlas. Of course, I can't promise that you'll win the title of "World's Most Perfectly Developed Man," as I did. But I *do* say that I believe I can make a mighty powerful He-Man out of you — in a very short time. In fact, you can prove it to yourself in 7 days. At my risk, of course. And I have good reason for believing I can do it. Because during the last 30 years I have turned many thousands of weaklings — fellows who were ashamed of their bodies — into beautifully-proportioned human dynamos of strength, energy, and tireless endurance... with the kind of muscular development that needn't take "back talk" from any one. My big free book will tell you how my secret of Dynamic Tension may be able to do such a job for you. Where shall I send your copy? There's not a bit of cost or obligation on your part. So mail the coupon now



Charles Atlas

Holder of title,
"World's Most
Perfectly
Developed Man"

ARE YOU

Skinny and Run Down?

Always Tired?

Nervous

Shy and Lacking
in Confidence?

Overweight and Short
of Breath?

Lacking in
Vim and Vigor?

Slow at Sports?

Do you Want to
Gain Weight?

What to Do About It
is Told in My
FREE BOOK!



VALUABLE TROPHY
GIVEN AWAY

You can win this strikingly handsome trophy, over 1 1/2 ft. high!

Where Shall I Send Your Copy of My Big FREE BOOK?

Mail the coupon now for your FREE copy of my valuable 32-page book. Also check the kind of body you want right in the coupon. My book tells how you can get it fast. See how I can give you "Stand-Out" muscles where you want them; add inches to your



chest and shoulders; make your legs and arms bulge with power. Read how "Dynamic Tension" can make you a new man — confident, popular, successful. See pages of actual photos of men who have become "Atlas Champions" my way. Read the answers to vital questions about your health, your personality, your future — WHAT I can do for you and HOW I do it. Rush the coupon to me personally.

CHARLES ATLAS, Dept. 3259
115 East 23rd St., New York 10, N. Y.

CHARLES ATLAS, Dept. 3259
115 East 23rd St., New York 10, N. Y.

Dear Charles Atlas: Here's the kind
of Body I Want: (Check as many as you like)

- | | |
|--|--|
| <input type="checkbox"/> More Weight—Solid in the Right Places | <input type="checkbox"/> Slimmer Waist and Hips |
| <input type="checkbox"/> Broader Chest and Shoulders | <input type="checkbox"/> More Powerful Leg Muscles |
| <input type="checkbox"/> More Powerful Arms and Grip | <input type="checkbox"/> Better Sleep, More Energy |

Send me absolutely FREE a copy of your famous book showing how "Dynamic Tension" can make me a new man. 32 pages, crammed with photographs, answers to vital health questions, and valuable advice. I understand this book is mine to keep and sending for it does not obligate me in any way.

Name.....Age.....
(please print or write plainly)

Address.....

City.....State.....



A Real Live PARRAKEET "the talking bird"

Beautiful Parakeet makes a lively pet. All birds are of finest quality from talking stock. Sent in a sturdy wire cage with instructions for teaching it to talk and do tricks. Safe delivery guaranteed.

ELVIS PRESLEY GUITAR Regulation Six String



DAISY "EAGLE" AIR RIFLE with scope



BALLISTIC MISSILE ROCKET Sears High in the Air



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Cuckoo- style CLOCK



GIRLS' TRAVEL CASE

CHUMCRAFT LAB with atomic energy book



CHOOSE YOUR PRIZE

It's Yours—So Easily

Take your choice of a wonderful Parakeet (the talking bird) or any of these other prizes. They can be yours—quickly, easily. Many prizes shown here and dozens more in our Big Prize Book are given WITH-OUT COST for selling 30 XMAS PACKS at 35c each. Some of the larger prizes require more sales or extra money as explained in the Big Prize Book.

your family, friends and neighbors. Each pack contains five beautiful Christmas Cards and Envelopes—a great big value for 35c. They are much easier to sell than large expensive boxes of cards. Many boys and girls sell their packs in one day. You can, too—and get your prize instead of a prize, keep \$3.50 in cash for every order you sell.

Send No Money. We Trust You
Mail coupon today for your XMAS PACKS and Big Prize Book—give the other coupon to a friend.

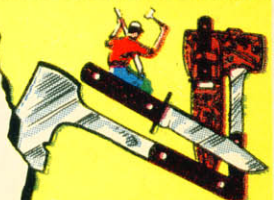
Be First in Your Neighborhood
It's easy to sell XMAS PACKS to

AMERICAN SPECIALTY COMPANY, Dept. 858, Lancaster, Pa.

MORE PRIZES TO CHOOSE FROM!

- | | | |
|------------------|----------------------|--------------------------|
| Eastman Camera | Mystery Sweep Watch | World Globe Student Lamp |
| Sleeping Bag | Spin Fishing Set | Cooking Kit with Canteen |
| Table Tennis Set | Microscope Outfit | 8 mm. Movie Projector |
| Cowboy Guitar | Printing Press | Trip to Moon Projector |
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| Bride Doll | Electric Pipe Organ | Set of Encyclopedia |
| Knapsack | Daisy Target Pistol | and many more! |

AXE & KNIFE KIT



ARCHERY SET

54" Lemonwood Bow



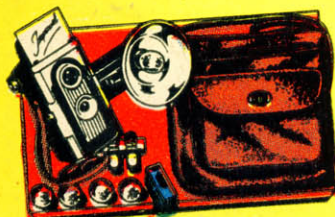
BOYS' AND GIRLS' Wrist Watches



WYATT EARP Holster Set with Buntline Special Gun



POOL TABLE SET



Complete Reflex CAMERA OUTFIT



Photo LOCKET SET

Extra Coupon for a Friend

AMERICAN SPECIALTY CO., Dept. 858, Lancaster, Pa.
Please send me your Big Prize Book and one order of 30 XMAS PACKS. I will sell the packs at 35c each, send you the money and choose my prize.

Name _____
Address _____
Town _____ State _____

Mail This—Send No Money

AMERICAN SPECIALTY CO., Dept. 858, Lancaster, Pa.
Please send me your Big Prize Book and one order of 30 XMAS PACKS. I will sell the packs at 35c each, send you the money and choose my prize.

Name _____
Address _____
Town _____ State _____